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Frances B. Rucks, Editor

Air University Library

Maxwell Air Force Base, Ala.

This is a cumulative issue. It includes all indexing since the beginning of the current volume. No further reference to Issues Nos. 1-3 is necessary.

P r e f a c e

The *Air University Library Index to Military Periodicals* is a subject index to significant articles, news items and editorials appearing in 68 English language military and aeronautical periodicals not indexed in readily available commercial indexing services. The *Index* originated with 23 titles as a quarterly publication in 1949, and has continued on a quarterly basis superseded by annual cumulations (triennial cumulative issues were published from 1952 through 1967). From 1949 to 1962 the *Index* was issued as *Air University Periodical Index*. Staff members of Air University Library index all of the periodicals with the exception of six titles which are indexed by other Air Force, Army, and Navy libraries. *Air University Library Index to Military Periodicals* serves primarily the educational and research programs of Air University. The *Index* is available to other libraries upon request.

This publication has been reviewed and approved by competent personnel of the preparing command in accordance with current directives on doctrine, policy, essentiality, propriety, and quality.

ROBERT B. LANE
Director
Air University Library

PERIODICALS INDEXED

- AEI Def Rev--AEI Defense Review (changed to AEI Foreign Policy and Defense Review with No.1, 1979)
- ***AEI For Plcy & Def Rev--AEI Foreign Policy and Defense Review (formerly AEI Defense Review) (10 nos. a year) \$2.50 per issue. American Enterprise Institute for Public Policy Research, 1150 17th St NW, Washington, DC, 20036.
- Aerosp Hist--Aerospace Historian (q) \$20.00. Eisenhower Hall, Kansas State University, Manhattan, KS, 66506.
- Aerosp Intl--Aerospace International (bim) \$24.00. Monch Publishing Group, Heilbachstrasse 26, 5300 Bonn 1, W.Ger.
- Aerosp Safety--Aerospace Safety - AFRP 127-2 (m) \$17.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Air Def Mag--Air Defense Magazine (q) \$4.00. USAADS, ATTN: ATSA-TD-LIT, Fort Bliss, TX, 79916.
- AF Compt--The Air Force Comptroller - AFRP 170-2 (q) \$7.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF Engrg & Svcs Qtr--Air Force Engineering and Services Quarterly - AFRP 85-1 (q) \$6.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF Law Rev--Air Force Law Review - AFRP 110-1 (q) \$7.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF Mag--Air Force Magazine (m) \$13.00. Air Force Assoc, Suite 400, 1750 Pennsylvania Ave, NW, Washington, DC, 20006.
- AF Plcy Ltr for Comdrs: Sup--Air Force Policy Letter for Commanders: Supplement - AFRP 190-2 (m) No price given. Air Force Service Information and News Center. Kellv AFB, TX, 78241.
- AF Times--Air Force Times (w) \$26.00. Army Times Publishing Co, 475 School St, SW, Washington, DC,
- Air Reservist - AFRP 30-1 (10 nos. a year) \$8.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AU Rev--Air University Review, the Professional Journal of the United States Air Force - AFRP 50-2 (bim) \$13.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Airman, Official Magazine of the U.S. Air Force - AFRP 30-15 (m) \$15.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Am Avn Hist Soc J--American Aviation Historical Society Journal (q) \$15.00. American Aviation Historical Society, P.O. Box 99, Garden Grove, CA, 92642.
- Armed Forces & Soc--Armed Forces and Society (q) \$20.00. Box 46, 1126 E.59th St, Social Science Building, University of Chicago, Chicago, IL, 60637.
- Armed Forces Compt--Armed Forces Comptroller (q) \$7.00. Armed Forces Comptroller, P.O. Box 91, Mt Vernon, VA, 22121.
- Armed Forces J Intl--Armed Forces Journal International (m) \$18.00. Army and Navy Journal, Inc, 1414 22d St, NW, Washington, DC, 20037.
- Armor (bim) \$8.00. U.S. Armor Assoc, P.O. Box O, Fort Knox, KY, 40121.
- Army (m) \$10.00. Assoc of the U.S. Army, 2425 Wilson Blvd, Arlington, VA, 22201.
- Army Log--Army Logistician (bim) \$9.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Army Qtr--Army Quarterly and Defence Journal (q) \$28.00. 1 West Street, Tavistock, Devon, Eng.
- Aviation, Space & Envmt Med--Aviation, Space, and Environmental Medicine (m) \$35.00. Aerospace Medical Assoc, Washington National Airport, Washington, DC, 20001.
- Combat Crew - SACRP 127-1 (m) \$14.00. Editor, Combat Crew, Hq SAC/IGFC, Offutt AFB, NE, 68113; for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Command (changed to Command Policy with vol 2, no.5, May 1979)
- ***Command Plcy--Command Policy (formerly Command) (m) \$12.00. American Forces Press Service, 1117 N. 19th St, Arlington, VA, 22209; for sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Def & For Aff Dig--Defense & Foreign Affairs Digest (m) \$60.00. Copley & Associates, SA, Suite 602, 2030 M St NW, Washington, DC, 20036.
- ***Def Elect--Defense Electronics (formerly Electronic Warfare/Defense Electronics) (m) \$20.00. EW Communications, Inc, 1170 E.Meadow Dr, Palo Alto, CA, 94303.
- Def Mgt J--Defense Management Journal (bim) \$8.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Def Monitor--Defense Monitor (m) No price given. Center for Defense Information, 122 Maryland Ave NE, Washington, DC, 20002.
- Def Sys Mgt Rev--Defense System Management Review (q) No price given. Defense Systems Management College, Fort Belvoir, VA, 22060.
- Def Trans J--Defense Transportation Journal (bim) \$20.00. National Defense Transportation Assoc, 910 17th St, NW, Ste 301, Washington, DC, 20006.
- Educ J--Education Journal - AFROTCRP 53-1 (3 nos. a year) No price given. Air Force ROTC, AFROTC/SDEP, Bldg 500, Maxwell AFB, AL, 36112.
- Elect Warfare/Def Elect--Electronic Warfare/Defense Electronics (changed to Defense Electronics with vol 11, no.5, May 1979)

*Added titles since the 1978
Cumulative Issue

**Titles ceased indexing since the
1978 Cumulative Issue

***Titles changed since the 1978
Cumulative Issue

PERIODICALS INDEXED (Cont'd)

- Fld Arty J--Field Artillery Journal (bim) \$9.00. Field Artillery Assoc, Fort Sill, OK, 73503.
- Govt Exec--Government Executive (m) \$15.00. 1725 K St, NW, Washington, DC, 20006.
- Hawk, the Independent Journal of the Royal Air Force Staff College (a) \$1.90. Royal Air Force Staff College, Bracknell, Berkshire, Eng.
- Infantry (bim) \$7.00. Editor, Infantry Magazine, Box 2005, Fort Benning, GA, 31905.
- Interavia (m) \$36.00. 86 Avenue Louis Casai, 1216 Cointrin, Geneva, Switzerland.
- **Interceptor** (ceased publication with vol 21, no. 10, October 1979)
- Intl Def Rev--International Defense Review (9 nos. a year) \$56.00. Interavia S.A., 86 Avenue Louis-Casai, 1216 Cointrin, Geneva, Switzerland.
- Intl Sec--International Security (q) \$15.00. M.I.T. Press, 28 Carleton St, Cambridge, MA, 02142.
- J Pol & Mil Sociol--Journal of Political and Military Sociology (sa) \$9.50. Department of Sociology, Northern Illinois University, DeKalb, IL, 60115.
- Log Spectrum--Logistics Spectrum (q) \$12.00. Society of Logistics Engineers, Suite 922, Park Plaza, 303 Williams Ave, Huntsville, AL, 35801.
- MAC Flyer - MACRP 127-5 (m) \$15.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- MarCor Gaz--Marine Corps Gazette (m) \$10.00. P.O. Box 1775, Quantico, VA, 22134.
- Mil Elect/Countermeasures--Military Electronics/Countermeasures (m) \$20.00. Hamilton Burr Pub. Co, 2065 Martin Ave, Ste 104, Santa Clara, CA, 95050.
- Mil Engr--Military Engineer (bim) \$18.00. Society of American Military Engineers, Ste 905, 740 15th St, NW, Washington, DC, 20005.
- Mil Rev--Military Review (m) \$12.00. Military Review, USACGSC, Fort Leavenworth, KS, 66027.
- NATO's Fifteen Nations (bim) \$33.77. Jules Perel's Publishing Co, Post Box 366, 35 Matterhorn, Amstelveen 1186EB, The Netherlands.
- Natl Def--National Defense (bim) \$22.50. American Defense Preparedness Assoc, Rosslyn Center, Suite 900, 1700 N. Moore St, Arlington, VA, 22209.
- Natl Guard--National Guard (m) \$3.00. National Guard Assoc of the U.S., 1 Massachusetts Ave, NW, Washington, DC, 20001.
- Nav War Col Rev--Naval War College Review (q) No price given. Editor, Naval War College Review, Naval War College, Newport, RI, 02840.
- Navigator - AFRP 50-3 (3 nos. a year) \$5.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Officer (m) \$5.00. Reserve Officers Assoc of the U.S., 1 Constitution Ave, NE, Washington, DC, 20002.
- Parameters, the Journal of the U.S. Army War College (q) No price given. Editor, Parameters, U.S. Army War College. Carlisle Barracks, PA, 17013.
- RUSI J for Def Studies--RUSI, Journal of the Royal United Services Institute for Defence Studies (q) \$24.00. Secretary, Royal United Services Institute for Defence Studies, Whitehall, London, SW1A 2ET, Eng.
- Review (bim) \$20.00. American Logistics Assoc, 5205 Leesburg Pike, Falls Church, VA, 22041.
- **Royal Air Forces Qtr--Royal Air Forces Quarterly** (ceased publication with vol 18, no. 4, Winter 1978)
- Sea Power (m) \$10.00. Navy League of the U.S., 818 18th St, NW, Washington, DC, 20006.
- Signal (10 nos. a year) \$14.50. Armed Forces Communications and Electronics Assoc, 5205 Leesburg Pike, Falls Church, VA, 22041.
- Soldiers, Official U.S. Army Magazine (m) \$17.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Soviet Mil Rev--Soviet Military Review (m) \$8.00. Soviet Military Review, 2, Marshal Biryuzov St, Moscow 123298, USSR. (Available from Victor Kamkin, Inc, 12224 Parklawn Dr, Rockville, MD, 20852)
- Strat Rev--Strategic Review (q) \$12.00. United States Strategic Institute, Central Plaza Bldg, 675 Massachusetts Ave, Cambridge, MA, 02319.
- TAC Attack - TACRP 127-1 (m) No price given. Editor, TAC Attack, Hq TAC/SEPP, Langley AFB, VA, 23665.
- TIG Brief--The Inspector General Brief - AFRP 11-1 (biw) No price given. Editor, TIG Brief, AF/IGEP, Hq USAF, Washington, DC, 20330. Limited to AF offices.
- Translog (m) \$12.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- USAF Ftr Wpns Rev--USAF Fighter Weapons Review - AFRP 50-4 (q) No charge. 57TTW/DON, Nellis AFB, NV, 89191.
- USA Avn Dig--United States Army Aviation Digest (m) \$17.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- US Nav Inst Proc--United States Naval Institute Proceedings (m) \$18.00. U.S. Naval Institute, Annapolis, MD, 21402.

The following abbreviations are used to denote frequency of issue:

a	annual	bim	every two months
biw	every two weeks	and/or	twice a month
m	monthly	q	quarterly
sa	twice a year	w	weekly

ARRANGEMENT

The subject entries are constructed on the direct entry principle. Most sponsor agency entries under U.S. have been eliminated and entry is directly under subject agency, e.g., STRATEGIC AIR COMMAND, not U.S. AIR FORCE. STRATEGIC AIR COMMAND. Specific military services of various countries are entered under their name, followed by the name of their country, e.g., AIR FORCE--Great Britain; ARMY--United States.

Material on United States military aircraft by name has been entered under the headings AIRPLANE TYPE; HELICOPTER TYPE; MISSILE TYPE. United States space vehicles by name have been entered under the heading SPACE PROJECT.

AERONAUTICS here embraces the technical and technological aspects of aviation and aircraft; AVIATION the art of flying, both military and civilian; and AIRLINES the commercial transportation companies; FLYING popular, nontechnical articles on the pleasures of flying.

Government departments are listed alphabetically by department title, e.g., DEFENSE DEPT--United States, not DEPARTMENT OF DEFENSE.

Author entries are included for admirals, generals, Dept of Defense officials, and others who are prominent in some field of Index interest.

An organization's abbreviation, if it is a national term, is used not only as a cross reference (e.g., NATO see NORTH ATLANTIC TREATY ORGANIZATION) but also as geographic subdivision (e.g., DEFENSES--NATO). Abbreviations and acronyms are listed at the beginning of their alphabetical section. However, the artificial words LASERS and LORAN are accepted as normal words and are so listed alphabetically.

Reviews of books are grouped under BOOK REVIEWS; military poetry is listed under POEMS.

KEY TO ABBREVIATIONS

+ (after paging)	continuation of article not paged consecutively	Jun	June
Apr	April	Mar	March
Aug	August	Nov	November
bibliog	bibliography	No.	number
biog	biography	obit	obituary
chart	organizational chart	Oct	October
Dec	December	por	portrait(s)
Feb	February	Sep	September
illus	illustration(s)	sup	supplement
Jan	January	tab	table(s)
Jul	July	trans	translated
		vol	volume

EXPLANATION

Sample entry:

RETIREMENT PAY

The payoff under proposed Uniformed Services Retirement Benefits Act. MajGen Stanley M. Umstead, Jr. illus Officer 55:20-22 Sep '79

Explanation:

Under the subject RETIREMENT PAY an article entitled "The payoff under proposed Uniformed Services Retirement Benefits Act" by MajGen Stanley M. Umstead, Jr. with illustrations, appears in the magazine Officer, volume 55, on pages 20 through 22, the September 1979 issue.

A

ACEUR see Allied Command Europe

ACLANT see Allied Command Atlantic

AECF see Airman Education and Commissioning Program

AFAA see Air Force Audit Agency

AFCEA see Armed Forces Communications and Electronics Association

AFCENT see Allied Forces, Central Europe

AFISC see Air Force Inspection and Safety Center

AFIT see Air Force Institute of Technology

AFMPC see Air Force Manpower and Personnel Center

AFOSI see Office of Special Investigations

AFRES see Headquarters Air Force Reserve

AFROTC see Reserve Officers Training Corps--Air Force

AFTEC see Air Force Test and Evaluation Center

AMST see Advanced Medium Short Takeoff and Landing Transport

APC see Armored Vehicles

APR see Airman Performance Reports

ASMS see Missile Type--Aegis

ASW see Antisubmarine Warfare

AUSA see Association of the U. S. Army

AUTODIN see Automatic Digital Network

AWACS see Airborne Warning and Control System

ABBREVIATIONS

Abbreviations, acronyms, and brevity codes. TIG Brief 31:22 May 18 '79

ABORTIONS see Pregnancy

ABRAHAMSON, James A.

F-16: Spearhead for a lot of procurement innovation? MajGen James A. Abrahamson. por Govt Exec 11: 20-21 Oct '79

ABRAMS, Creighton W., Jr

Dedication of Abrams Loop at the U.S. Army Command and General Staff College. Gen Donn A. Starry. por Mil Rev 59:36-42 Sep '79

ABSENT WITHOUT LEAVE see Crimes and Misdemeanors

ACCELERATION

Head acceleration and psychomotor performance. D. C. Reader. tabs Aviation, Space & Envmt Med 50:267-270 Mar '79

Oculogravic illusion in response to straight-ahead acceleration of a CF-104 aircraft. A. Graybiel and others. illus tabs Aviation, Space & Envmt Med 50:382-386 Apr '79

ACCIDENT PREVENTION

See also
Safety Programs

After the fall. Maj Ken Krause. illus TAC Attack 19: 24-27 Feb '79

Aircraft safety. Gen Bryce Poe II. TIG Brief 31:2 May 4 '79

Battle status report ... USAF versus FOD. Maj Philip M. McAtee and Capt William E. Kohlenberger. illus tabs Aerosp Safety 35:14-16 Dec '79

Be the best. Cliff L. Stout. Aerosp Safety 35:10-12 May '79; Adaptation. USA Avn Dig 25:18-20 Aug '79

The bird nemesis. Maj James Gillespie. illus Aerosp Safety 35:2-3 Jun '79

Boating's dozen deadly sins. illus TAC Attack 19:4-6 May '79

Bugstrike! illus TAC Attack 19:9 Oct '79

Busy, busy, busy. TSgt Ellis Mann. illus TAC Attack 19:10-11 Aug '79

Chain to death. Maj Kenneth S. Harvell. illus Aerosp Safety 35:22-23 Mar '79

Collision avoidance--ADSEL (Address SElective)/DABS (Discrete Address Beacon System) marches on. Dan Boyle. illus Interavia 34:757 Aug '79

Cycle advice: Be seen, wear helmet. AF Times 40:34 Aug 6 '79

DWI. Capt Eric M. Petersen. illus TAC Attack 19: 20-21 May '79

Danger on the ground. illus USA Avn Dig 25:34-37 Mar '79

Doing what comes naturally. Maj Stan Santilli. illus Aerosp Safety 35:10-11 Aug '79

Ducking under: Performance and prevention. Capt Ron Sams. illus Aerosp Safety 35:25-27 May '79; Combat Crew 29:8-10 May '79

Electricity and you! illus TAC Attack 19:10-12 May '79

FOD for thought. Maj James Gillespie. illus Aerosp Safety 35:17 Jun '79

4-wheel PMV (Private Motor Vehicle) passenger deaths increasing. tab TIG Brief 31:18 Jul 2 '79

Games people play. (Reprinted from Flight Comment, Sep-Oct 1973) illus Interceptor 21:5-8; Appendix: 6 years later. Wayne Griffith. 21:8 May '79

Gin and ... soda? Col William F. Belk. illus Aerosp Safety 35:18-20 Dec '79

HATR (Hazardous Air Traffic Report) perspective. Maj Joseph Yadouga. illus Aerosp Safety 35:8-9 Dec '79

Have you heard about this one? Maj Roger L. Jacks. illus Aerosp Safety 35:4-5 Dec '79

Heads up & out. Capt Gene Miller. illus tabs Aerosp Safety 35:26-27 Aug '79

High Accident Potential (HAP) reporting. TIG Brief 31:18 Aug 17 '79

ACCIDENT PREVENTION - Continued

Hypoxia blues. Capt Don Rupert. illus TAC Attack 19:28-29 Dec '79

Illusions and flight. illus Aerosp Safety 35:6-8 Mar '79

Last of the late rotaters. Pete Pilcher. illus Aerosp Safety 35:6-8 Apr '79

Leadership, discipline, airmanship. Col Robert D. Anderson. illus TAC Attack pt 1, 19:26-27 Nov '79; pt 2, 19:24-25 Dec '79

Lightning avoidance. Capt Stephen M. Horn. illus TAC Attack 19:10-12 Apr '79

Local motorcycle mishap prevention efforts. TIG Brief 31:5 Sep 7 '79

A look at brake cooling. Walt Blake. illus tab Aerosp Safety 35:24-26 Nov '79

Look to see. illus Aerosp Safety 35:22-24 Jun '79

Low altitude mishaps, or how not to hit the ground. Maj Terrell J. Osborn. illus tab Aerosp Safety 35:1-2 Aug '79

Low altitude single-ship mishaps. Capt Eugene Larcom. Aerosp Safety 35: inside front cover Apr '79

The lower you go. illus Aerosp Safety 35:6-8 Jan '79

M110A1 fallback damage. Capt Richard L. Harmon. illus Fld Arty J 47:28-29 Nov-Dec '79

Midair roulette. Capt Gary V. Earl. illus TAC Attack 19:14-15 Jan '79

Mishap prevention. TIG Brief 31:4 Jan 26 '79

The mission of the Air Force is to train and survive-- and don't you forget it! Maj David V. Froehlich. illus Aerosp Safety 35:22-23 Dec '79

No way out. Roger G. Crewse. illus Aerosp Safety 35:4-5 Jul '79

Only you can prevent a PE (Personnel Error). Maj Pete Braccl. illus Interceptor 21:9-11 Aug '79

An ounce of prevention. Capt Bob Gage. illus TAC Attack 19:24-25 May '79

Pilot error: The why behind the words. Capt Frank Walker. Aerosp Safety 35:4-5 Mar '79

Preflighting is only the beginning. Maj Lyle Samuels. illus TAC Attack 19:10-12 Jun '79

Preventing critical situations. LtCol L. Stasyonok. illus Soviet Mil Rev No. 1:28-29 Jan '79

Preventing slip and fall accidents. TIG Brief 31:17 Mar 9 '79

Risk assessment--the first step. Maj Alan T. Reid. illus tab TAC Attack 19:4-6 Aug '79

Safer 'SAFE' operations. TIG Brief 31:4 Jan 12 '79

Safety: A costly assumption. TIG Brief 31:5-6 Jan 26 '79

Safety in general aviation: The San Diego accident points to problem areas. Marc Grangier. illus tabs Interavia 34:128-130 Feb '79

ACCIDENT PREVENTION - Continued

Skidding around. Maj Pete Abler. illus TAC Attack 19:4-6 Sep '79

So you're going to be a flight leader. Capt Gary L. Sholders. illus Aerosp Safety 35:4-6 Aug '79

Spatial disorientation. Capt Gary R. Porter. illus TAC Attack 19:4-6 Dec '79

A successful FOD prevention program. TIG Brief 31:7 Feb 9 '79

The ten commandments for aviation survival. Maj David V. Froehlich. Aerosp Safety 35:9-11 Jul '79

That sense of urgency. CW3 Raoul Archambault III. illus USA Avn Dig 25:28-35 Nov '79

Then & now. Anchar F. Zeller. illus Aerosp Safety 35:2-3 Jul '79

The ultimate decision. Maj Roger L. Jacks. illus Aerosp Safety 35:24-25 Sep '79

Unusual attitude vs out of control. Maj Tom Tilden. illus TAC Attack 19:20-22 Oct '79

Weather radar--ATC radar: There is a difference. Maj Duane B. Stoecklin. illus tabs Aerosp Safety 35:14-15 Jan '79; USA Avn Dig 25:24-25 Mar '79

What is N₂H₄? Capt Pete Abler. illus TAC Attack 19:18-19 Jan '79

When will there be a mandatory collision avoidance system? Dan Boyle. illus Interavia 34:87-88 Jan '79

Why doesn't aircraft accident investigation prevent accidents? (Presentation, 9th International Seminar, International Society of Air Safety Investigators, Seattle, Oct 1978) George B. Parker. illus tabs Interceptor 21:18-22 May '79

Wire strike prevention. CW4 Gary D. Martin. illus USA Avn Dig 25:28-30 Jan '79

You vs hydroplaning ... and the winner is? illus Aerosp Safety 35:2-4 Nov '79

Your system may be reliable, but is it safe? Donald L. Kurle. illus Aerosp Safety 35:16-17 May '79

ACCIDENTSCauses

FOD for thought. Maj James Gillespie. illus Aerosp Safety 35:17 Jun '79

Motorcycle operator factors identified in California study (of 900 motorcycle crash investigations). TIG Brief 31:5 Oct 5 '79

Preventing slip and fall accidents. TIG Brief 31:17 Mar 9 '79

What use is history? (Adapted from Approach, May 1979) illus MAC Flyer 26:16-17 Sep '79

Investigations

Conflict of interest in safety investigations. TIG Brief 31:18 Apr 20 '79

Protecting limited use reports. TIG Brief 31:6 Sep 7 '79

Protecting privileged information. TIG Brief 31:6 Nov 2 '79

ACCIDENTS - ContinuedStatistics

1978 USAF mishap review. TIG Brief 31:17-18
Apr 6 '79

ACCIDENTS, AIR

Farms for sale. R. C. Delgado. illus tabs Aerosp
Safety 35:6-7 Jul '79

(86th Tactical Fighter) Wing maintenance crash re-
covery shops handle emergencies. SrAmn David
Howe. illus AF Times 40:32 Nov 26 '79

The will to live. BrigGen William W. Spruance, Ret.
illus MAC Flyer 26:20-23 Jun '79

CausesSee alsoPilot Error

Air accidents show increase for 1978. tab AF Times
39:28 Apr 30 '79

Battle status report ... USAF versus FOD. Maj
Philip M. McAtee and Capt William E. Kohlen-
berger. illus tabs Aerosp Safety 35:14-16 Dec '79

Beyond the horizon. illus Interceptor 21:13-15
Mar '79

The bird nemesis. Maj James Gillespie. illus Aerosp
Safety 35:2-3 Jun '79

Birdfeathers! TIG Brief 31:17 Nov 16 '79

Birds and planes don't mix--the BASH (Bird/Aircraft
Strike Hazard) program. Capt Jeffrey J. Short.
illus tabs map Aerosp Safety 35:26-28 Oct '79

Birds are back. Maj Lionel P. Johnson. illus Inter-
ceptor 21:12-15 Sep '79

Birds, birds, birds--watch out for them. illus TAC
Attack 19:10-11 Sep '79

Birdstrike on B-52 and KC-135. Walt House. illus
tabs Combat Crew 29:8-9+ Jul '79

Bugstrike! illus TAC Attack 19:9 Oct '79

Cold facts. Maj Gary L. Studdard. illus Aerosp Safety
35:12-13 Oct '79

Current role of alcohol as a factor in civil aircraft
accidents. Leonard C. Ryan and Stanley R. Mohler.
tabs Aviation, Space & Envmt Med 50:275-279
Mar '79

Death by misadventure. Col W. L. Traynor, Ret. illus
MarCor Gaz 63:58-64 May '79

A dog barking in the night. Maj Wayne E. Griffith.
illus Interceptor 21:12-15 Jul '79

Doing what comes naturally. Maj Stan Santilli. illus
Aerosp Safety 35:10-11 Aug '79

Fatal mishaps up: A special report. tabs Aerosp
Safety 35:14-15 Oct '79

Flying safety and vertigo/disorientation. TIG Brief
31:18 Jul 13 '79

For want of a nail--off-base crash response. LtCol
Cleveland Simpson. illus Aerosp Safety 35:26-27
Jul '79

ACCIDENTS, AIR - ContinuedCauses - Cont'd

Formation do's and don'ts. LtCol Helmut Oberbrink-
mann. illus Aerosp Safety 35:12-13 Jul '79

HATR (Hazardous Air Traffic Report) perspective.
Maj Joseph Yadouga. illus Aerosp Safety 35:8-9
Dec '79

Have you heard about this one? Maj Roger L. Jacks.
illus Aerosp Safety 35:4-5 Dec '79

A hole that is not a hole: Airborne weather radar in-
terpretation. Capt Thomas E. Sieland. illus Aerosp
Safety 35:4-5 Jun '79

Icing--rethought. Capt James S. Kash. Aerosp Safety
35:5 Nov '79

Improper interpretation or altering of engine histori-
cal records can cause aircraft accidents. TIG
Brief 31:7 May 4 '79

In-flight lightning strikes. LtCol George J. Bifulchi.
illus tab Aerosp Safety 35:18-19 Sep '79

Lightning can clip your wings. tab MAC Flyer 26:
21-23 Apr '79

Lightning strikes again! LtCol Daniel Gornell. illus
Combat Crew 29:4-7 Jul '79

Look to see. illus Aerosp Safety 35:22-24 Jun '79

Loss of consciousness in high performance fighters.
(What to do about it) Maj Peter R. Nash. illus
Aerosp Safety 35:6-7 Nov '79

Low altitude mishaps, or how not to hit the ground.
Maj Terrell J. Osborn. illus tab Aerosp Safety
35:1-2 Aug '79

Low altitude single-ship mishaps. TIG Brief 31:15-16
Mar 23 '79

Low altitude single-ship mishaps. Capt Eugene Lar-
com. Aerosp Safety 35: inside front cover Apr '79

Low-level wind shear. Capt David E. Johnson. illus
Aerosp Safety 35:2-3 Oct '79

The lower you go. illus Aerosp Safety 35:6-8 Jan '79

Midair roulette. Capt Gary V. Earl. illus TAC Attack
19:14-15 Jan '79

Mishaps with a moral. Regular feature in some issues
of MAC Flyer

More about wind shear hazards. Paul R. Higgins and
Donald H. Patterson. tabs Aerosp Safety 35:15-21+
Mar '79

Mountain waves: A powerful and dangerous force.
(Adapted from Approach, Nov 1977) illus Aerosp
Safety 35:22-23 Jan '79

'78 bird collisions cost \$2 million. tab AF Times
39:17 Jun 11 '79

No way out. Roger G. Crewse. illus Aerosp Safety
35:4-5 Jul '79

Only you can prevent a PE (Personnel Error). Maj
Pete Bracci. illus Interceptor 21:9-11 Aug '79

Pilots are people too. Maj Lionel P. Johnson. illus
Interceptor 21:5-9 Apr '79

ACCIDENTS, AIR - ContinuedCauses - Cont'd

Primrose path. MAC Flyer 26:22-23 May '79

A real wing-ding. illus MAC Flyer 26:11-13 May '79

A reminder: The crowded skies. TIG Brief 31:19 Feb 9 '79

Risk assessment--the first step. Maj Alan T. Reid. illus tab TAC Attack 19:4-6 Aug '79

Risk awareness or blind faith. Gerald M. Bruggink. illus MAC Flyer 26:18-21 Nov '79

Safety in general aviation: The San Diego accident points to problem areas. Marc Grangier. illus tabs Interavia 34:128-130 Feb '79

Shining. Maj Lionel P. Johnson. illus Interceptor 21:5-9 Sep '79

Summer weather hazards. Capt Carl L. Nelson. illus tab TAC Attack 19:4-6 Jun '79

Too close for comfort. illus Aerosp Safety 35:10-11 Oct '79

Train to operate safely. Capt Ed Ransford. illus Interceptor 21:5 Aug '79

Under the influence. illus MAC Flyer 26:20-21 Jul '79

Wake turbulence. Maj Jerry D. Driscoll. illus Aerosp Safety 35:2-3 Mar '79

Welcome to your wire strike! Capt John W. Lowe. illus USA Avn Dig 25:29 Apr '79

What's a corker? SMSgt Ron Christiansen. TAC Attack 19:24-25 Jun '79

When will there be a mandatory collision avoidance system? Dan Boyle. illus Interavia 34:87-88 Jan '79

Who's flying the airplane? illus Aerosp Safety 35:14-15 Aug '79

Why doesn't aircraft accident investigation prevent accidents? (Presentation, 9th International Seminar, International Society of Air Safety Investigators, Seattle, Oct 1978) George B. Parker. illus tabs Interceptor 21:18-22 May '79

Wing surface roughness cause & effect. Ralph E. Brumby. illus tabs Aerosp Safety 35:16-19 Nov '79

Wire strike prevention. CW4 Gary D. Martin. illus USA Avn Dig 25:28-30 Jan '79

Investigations

AIRS (Accident Information Retrieval System) under development. tab illus USA Avn Dig 25:32-33 Jan '79

After the fall. Maj Ken Krause. illus TAC Attack 19:24-27 Feb '79

Aircraft mishap safety reports: A few problems. TIG Brief 31:19 Jun 1 '79

Beyond the horizon. illus Interceptor 21:13-15 Mar '79

'Crash' doctors. (USAF doctors do research for prevention of injuries to air crews) Capt Dick Sheffield. illus Airman 23:31-35 Feb '79

ACCIDENTS, AIR - ContinuedInvestigations - Cont'd

A dog barking in the night. Maj Wayne E. Griffith. illus Interceptor 21:12-15 Jul '79

FAA weathers DC-10 storm. Interavia 34:809-811 Sep '79

Forensic support to USAF commanders. TIG Brief 31:3 Apr 20 '79

It's Monday morning, Judge. Maj Larry D. Rea. illus Aerosp Safety 35:10-11 Sep '79

Path from a black hole. illus MAC Flyer 26:19-21 Feb '79

Too late to hide. Capt Robert W. Kirkwood. illus TAC Attack 19:26-28 Jun '79

The way it was: Complacency revisited. LtCol Richard A. Rung. illus Aerosp Safety 35:2-4 May '79

When it's your turn on the (safety investigation) board. LtCol Richard J. Miller, Jr. illus Aerosp Safety 35:18-20 Jan '79

Why doesn't aircraft accident investigation prevent accidents? (Presentation, 9th International Seminar, International Society of Air Safety Investigators, Seattle, Oct 1978) George B. Parker. illus tabs Interceptor 21:18-22 May '79

Statistics

Air accidents show increase for 1978. tab AF Times 39:28 Apr 30 '79

Aircraft mishaps: Too many casualties. AF Times 40:24 Nov 19 '79

Fatal mishaps up: A special report. tabs Aerosp Safety 35:14-15 Oct '79

(MAC) accident statistics for 1978. illus tabs MAC Flyer 26:4-6 Apr '79

"78 in review." illus Interceptor 21:5-9 Feb '79

Why doesn't aircraft accident investigation prevent accidents? (Presentation, 9th International Seminar, International Society of Air Safety Investigators, Seattle, Oct 1978) George B. Parker. illus tabs Interceptor 21:18-22 May '79

ACCIDENTS, GROUND (AIRCRAFT)

Busy, busy, busy. TSgt Ellis Mann. illus TAC Attack 19:10-11 Aug '79

For want of a nail--off-base crash response. LtCol Cleveland Simpson. illus Aerosp Safety 35:26-27 Jul '79

Interservice support agreements and mishap prevention. TIG Brief 31:6 Jul 2 '79

Safety: A costly assumption. TIG Brief 31:5-6 Jan 26 '79

(86th Tactical Fighter) Wing maintenance crash recovery shops handle emergencies. SrAmn David Howe. illus AF Times 40:32 Nov 26 '79

The wheel turns. TIG Brief 31:18 Jan 12 '79

ACCIDENTS, GROUND (MISSILES)

Missile mishap mystery mastered. TIG Brief 31:16 Aug 17 '79

ACCIDENTS, GROUND (MISSILES) - Continued

Solid as Rock. (Residents of Rock, KS, give aid and support to the AF when missile silo accident occurs) MSgt Dave Sheeder. illus Airman 23:31-35 May '79

ACCIDENTS, MARINE

Global Hope aground: Chronicle of an oil spill. LCDR Kent W. Mathews. illus US Nav Inst Proc 105:127-130 Oct '79

ACCIDENTS, NUCLEAR

Dull Sword reporting: The black mark syndrome revisited. TIG Brief 31:17 Aug 17 '79

Emergency room procedures for patients contaminated by radioactive material. TIG Brief 31:20 Oct 5 '79

Nuclear mishap reporting. TIG Brief 31:16 Aug 17 '79

Radiological aspects of nuclear weapons. TIG Brief 31:8 Oct 5 '79

ACCIDENTS, TRAFFIC

By '84, 1200 moped riders will be killed annually. AF Times 40:33 Sep 24 '79

California study on motorcycle crashes and injuries. TIG Brief 31:7 Oct 19 '79

Fatality increases: Highway speed a factor. tab TIG Brief 31:4 Sep 7 '79

4-wheel PMV (Private Motor Vehicle) passenger deaths increasing. tab TIG Brief 31:18 Jul 2 '79

Local motorcycle mishap prevention efforts. TIG Brief 31:5 Sep 7 '79

Speed, alcohol culprits in motorcycle fatalities. AF Times 40:34 Sep 17 '79

Investigations

Motorcycle operator factors identified in California study (of 900 motorcycle crash investigations). TIG Brief 31:5 Oct 5 '79

Statistics

Losses from Air Force motor vehicle mishaps. TIG Brief 31:17 Jun 15 '79

Passenger traffic deaths up. AF Times 39:12 Jul 23 '79

ACCOUNTING

AFOs: People managers in a rapidly changing environment. Capt J.M. Lebsack. illus AF Compt 13:34-35 Jan '79

Accounting for Air Force nonappropriated funds--does the comptroller really have a role? LtCol Charles L. Martin, Jr. illus Armed Forces Compt 24:8-11 Feb '79

Army designs new centralized data base (Program and Budget Accounting System). Bobby A. Derrick. illus Armed Forces Compt 24:12-14 Nov '79

The basics of corporate accounting. Dallas R. Blevins. tab Armed Forces Compt 24:16-18 Nov '79

Directorate of Accounting & Finance. BrigGen George C. Lynch. illus AF Compt 13:27 Oct '79

ACCOUNTING - Continued

Foreign military sales and grant aid--a new AFLC delivery reporting system. Norris L. Bayless. illus tab AF Compt 13:40-42 Apr '79

Innovative financial management. Gertrude G. Myers. illus Armed Forces Compt 24:26-29 Feb '79

The nature of corporate stewardship accounting. Dallas R. Blevins. illus tab Armed Forces Compt 24:13-15 Aug '79

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 13:29 Jan '79

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 13:23 Apr '79

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 13:39 Jul '79

Service--the cornerstone of Accounting & Finance. LtCol C.L. Martin, Jr. illus AF Compt 13:16-19 Jan '79

ACES

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 62:135-149 May '79

The American Fighter Aces Association--rare birds make a comeback. Barret Tillman. illus Aerosp Hist 26:182-184 Sep '79

"Boise Bee"--the Duane Beeson story. Garry L. Fry. illus Am Avn Hist Soc J 23:242-259 Winter '78

ADAMS, Walter E.

A battlefield automation-communications network. (Convention panel, AFCEA, Washington, June 20, 1979) BrigGen Walter E. Adams and others. por Signal 33:96-117 Aug '79

ADJUTANT GENERALNational Guard--Armed Forces

State AG's meet in Boston (April 1979) and agree on priorities for action in the best interests of national security. illus Natl Guard 33:6-9+ Jul '79

Directories

State Adjutants General. Army 29:118 Oct '79

ADMINISTRATIONSee also

Management
Management, Military
Personnel Administration

ADMIRALS see Flag Officers

ADOPTION see Children, Military

ADVANCED MANNED STRATEGIC AIRCRAFTSee also

Airplane Type--B-1

ADVANCED MEDIUM SHORT TAKEOFF AND LANDING TRANSPORT

Brown directs USAF to cancel AMST, start new CX with FY 1987 IOC. Benjamin F. Schemmer. Armed Forces J Intl 117:12 Dec '79

ADVANCED MEDIUM SHORT TAKEOFF AND LANDING TRANSPORT - Continued

New lease of life for AMST? Interavia 34:373-374
May '79

Tactical need for wide-bodies seen. illus AF Times
39:4 Feb 12 '79

USAF/Army push for C-X/AMST nod. Benjamin F.
Schemmer. Armed Forces J Intl 117:48 Nov '79

ADVANCED RESEARCH PROJECTS AGENCY see Defense Advanced Research Projects Agency

ADVANCED SURFACE MISSILE SYSTEM see Missile Type--Aegis

AERIAL GUNNERY see Gunnery, Aerial

AERIAL REFUELING see In-Flight Refueling

AERIAL WARFARE see Air Warfare

AEROBATICS

See also
Thunderbirds

Aerial teams on the wing. illus AF Times 39:7
Feb 12 '79

Shining. Maj Lionel P. Johnson. illus Interceptor 21:
5-9 Sep '79

The Snowbirds (Canadian Armed Forces' aerial demonstration squadron). Capt Dick Sheffield. illus Airman 23:2-6 Apr '79

AEROBICS see Physical Fitness

AERODYNAMICS

Inertial coupling, or how I learned to maneuver an aircraft at negative G and love it. Maj Dave Wherley. illus TAC Attack 19:8-10 Jul '79

The perils of birdmen. illus Interceptor 21:18-19
Feb '79

Some war story. Maj Wayne E. Griffith. illus Interceptor 21:5-9 Mar '79

Wing surface roughness cause & effect. Ralph E. Brumby. illus tabs Aerosp Safety 35:16-19 Nov '79

AEROFLOT

Airline close-up: Aeroflot. illus Aerosp Intl 15:20+
Aug-Sep '79

AEROMEDICAL EVACUATION

AMEDD Aviation Program. LtCol William F. Carroll. illus USA Avn Dig 25:20-21 Jul '79

Aeromedical evacuation in Israel--a study of 884 cases. Uriel Y. Dreyfuss and others. tabs Aviation, Space & Envmt Med 50:958-960 Sep '79

Air Reserves "rotate in" (and out of Howard AFB, CZ). illus Translog 10:6-8 Jan '79

Establishing an audit system for air evac. Marjel L. Ford and Linda R. Lake. tabs Aviation, Space & Envmt Med 50:284-289 Mar '79

Evaluation of the helicopter in aeromedical transfers. Eddie J. Reddick. tabs Aviation, Space & Envmt Med 50:168-170 Feb '79

AEROMEDICAL EVACUATION - Continued

Guyana. Andrew McCarthy and others. illus Air Reservist 31:6-9 Dec '78-Jan '79

Reserve heavily involved in Guyana operations. illus Officer 55:14 Jan '79

Samaritan III: Aeromedics in action. TSgt Jo Ann Anders. illus Natl Guard 33:26-27 Aug '79

Samaritans in fatigues. (Annual realistic aeromedical evacuation exercise designed to train ANG tactical aeromedical evacuation people) TSgt Jo Ann Anders. illus Air Reservist 31:12-13+ Jul '79

AEROMEDICINE see Aviation Medicine

AERONAUTICAL INSTRUMENTS

See also specific types of instruments, e.g.,
Altimeters

Big instrument. Regular feature in some issues of
Combat Crew

AERONAUTICAL RATINGS

Navigator management. LtCol James F. Willette. illus tabs Navigator 26:5-9 Winter '79

Rated duty following supplement tours. AF Times
40:5 Sep 3 '79

Rateds get more say in assignment options. M. L. Craver. AF Times 39:1+ May 28 '79

AERONAUTICAL RESEARCH

Canada

The need for defense oriented science & technology policies in smaller NATO countries: The Canadian Avro Arrow as a case study. Daniel R. Perley. illus tabs Def & For Aff Dig pt 1, 7, No.4:4-7+; pt 2, 7, No.5:17-22+ '79

Russia

Aircraft equipment and its development prospects. ColGen A. Ponomaryov. illus Soviet Mil Rev No.8: 2-5 Aug '79

United States

Aviation Systems Division. LtCol George Sibert. illus charts USA Avn Dig 25:9-11+ Jul '79

AERONAUTICAL SYSTEMS DIVISION

(Aeronautical Systems Division) Interview. BrigGen Melvin F. Chubb, Jr. illus Mil Elect/Countermeasures 5:12+ Feb '79

Aeronautical systems for the eighties. (Presentation, California State Convention, Air Force Assoc, Norton AFB, CA, May 18, 1979) LtGen Lawrence A. Skantze. AF Plcy Ltr for Comdrs: Sup No.8: 29-37 Aug '79

Engine-produced air seen replacing bottled oxygen. AF Times 39:30 Jan 22 '79

AERONAUTICS

This heading is used for articles on technical and technological aspects of aviation and aircraft, both military and civilian; Airlines is used for articles on commercial air transportation companies; Flying is used for popular, nontechnical articles on the pleasures of flying.

AERONAUTICS - Continued

See also
All-Weather Flying Instrument Flying
Altitude Flying Night Flying
Aviation Visual Flying
Flight, Low-Altitude

AEROSOLS

Flammable aerosol propellants: A household hazard.
TIG Brief 31:18 Sep 21 '79

AEROSPACE DEFENSE COMMAND

ADCOM's fighter interceptor squadrons. illus Inter-
ceptor 21:5-11+ Jan '79

Aerospace Defense Command. illus chart AF Mag 62:
66-67 May '79

Bases being realigned; ADC to close. Len Famiglietti.
AF Times 39:1+ Apr 9 '79

"78 in review." illus Interceptor 21:5-9 Feb '79

12-to-18-month ADC phaseout begins. Len Famiglietti.
AF Times 40:10 Sep 17 '79

Unit scans skies for 'violators.' illus AF Times 39:16
Jul 2 '79

William Tell ... an ADCOM tradition. illus Inter-
ceptor 21:34-35 Jan '79

AEROSPACE EDUCATION FOUNDATION

Another banner year (for Aerospace Education
Foundation). Robin L. Whittle. illus AF Mag 62:
81-82 Nov '79

AEROSPACE INDUSTRY AND TRADE

See also
Aircraft Industry and Trade
Electronic Industry and Trade
Missile Industry and Trade
Space--Commercial Applications

Aerospace review. Regular feature in issues of
Aerospace International

Aerospace world. Regular feature in issues of Air
Force Magazine

Industrial periscope: A business, technological &
scientific news bulletin. Regular feature in some
issues of NATO's Fifteen Nations

Jane's aerospace review, 1978/79. John W.R. Tay-
lor. illus AF Mag 62:26-33 Jan '79

The world of aerospace. Regular feature in issues of
Interavia

Belgium

The Belgian aerospace industry today. Germain
Chambost. illus Interavia 34:1129-1133 Dec '79

Europe, Western

The Spacelab program--international participation.
Michel Bignier. Signal 33:28-31 Feb '79

France

France's aerospace industry--a note of cautious opti-
mism. illus tabs Interavia 34:499-510+ Jun '79

AEROSPACE INDUSTRY AND TRADE - Continued

Italy

The Italian aerospace industry: Export or die? Chris
Bulloch and Marc Grangier. illus tab Interavia 34:
911-928 Oct '79

Poland

Iskra II: Another competitor on the jet trainer mar-
ket. Georg Panyalev. tabs illus (Also cutaway)
Intl Def Rev 12, No.2:159-160 '79

United States

Grumman Aerospace--fifty years of aerospace tech-
nology. Marc Grangier. illus Interavia 34:1156-
1158 Dec '79

AEROSPACE MEDICAL ASSOCIATION

Annual awards (AMA). Aviation, Space & Envmt Med
50:544-547 May '79

Annual awards (Aerospace Medical Assoc, 1947-79).
tabs Aviation, Space & Envmt Med 50:649-651
Jun '79

(Annual directory and index) Aviation, Space & Envmt
Med 50: entire issue Dec '79

Association presidents review their terms in office.
illus Aviation, Space & Envmt Med 50:473-497
May '79

Minutes of 1979 Business Meeting (Aerospace Medical
Assoc, May 14, 1979). Aviation, Space & Envmt
Med 50:1082-1085 Oct '79

1979 award winners of the Aerospace Medical Associ-
ation. illus Aviation, Space & Envmt Med 50:749-
754 Jul '79

Directories

(Annual directory and index) Aviation, Space & Envmt
Med 50: entire issue Dec '79

History

The first 50 years of the Aerospace Medical Associa-
tion: Highlights from the Association's Journal.
Fred Stoffel. Aviation, Space & Envmt Med 50:
439-447 May '79

Louis Bauer: Founder of the Aerospace Medical Asso-
ciation and its Journal. Robert J. Benford. illus
Aviation, Space & Envmt Med 50:430-438 May '79

AEROSPACE MEDICINE see Aviation Medicine; Space
Medicine

AEROSPACE POWER

See also
Air Defenses

Italy

History

Douhet in Italy: Prophet without honor? Claudio G.
Segrè. illus Aerosp Hist 26:69-80 Jun '79

NATO

Crystal ball, Mark II (medium range). ACM Christo-
pher Foxley-Norris. Army Qtr 108:278-283 Jul '78

AEROSPACE POWER - ContinuedRussia

The dynamic changes in Soviet military aviation. John Fullerton. Def & For Aff Dig 7, No.5:54-56 '79

Soviet aerospace almanac. illus charts tabs AF Mag 62:39-67+ Mar '79

United States

Airpower 2001. S.A. Tremaine. illus Natl Def 64: 56-59 Jul-Aug '79

Facets of aerospace power. (Dual triad system) Don Mace. illus AF Times 40:22+ Dec 10 '79

Fielding a modern ready Air Force. (Address, AFCEA Washington Chap, April 1979) Gen James A.Hill. illus Signal 34:27-29 Sep '79

From the airlift to Vietnam & beyond. (Address, 8th Military History Symposium, "Air Power and Warfare," Air Force Academy, Oct 1978) Gen T.R. Milton. Ret. illus AF Mag 62:38-43 Feb '79

The Luftwaffe wasn't there. Editorial. John F. Loosbrock. AF Mag 62:6 Jun '79

Not mercenaries; not missionaries. (Address, Joint Session of the Junior Officer Advisory Council, Enlisted Advisory Council, Senior Enlisted Advisors, Air Force Assoc National Convention, Washington) MajGen H.A. Morris. AF Plcy Ltr for Comdrs: Sup No.12:23-27 Dec '78

Revolution in airpower. (Remarks, Commander's Dining-In, Hill AFB, UT, Sep 12, 1978) John J. Martin. AF Plcy Ltr for Comdrs: Sup No.1:34-37 Jan '79

History

From the airlift to Vietnam & beyond. (Address, 8th Military History Symposium, "Air Power and Warfare," Air Force Academy, Oct 1978) Gen T.R. Milton. Ret. illus AF Mag 62:38-43 Feb '79

AEROSPACE RESCUE AND RECOVERY SERVICE

A matter of life. (Air Force and CAP rescue units in Alaska) MSgt David B. Drachlis. illus Airman 23:38-44 May '79

SAREX '79. SSgt Mike Lorenz. illus Air Reservist 31:23 Aug-Sep '79

AFGHANISTAN

Afghanistan after the 1978 revolution. Theodore L. Eliot, Jr. illus Strat Rev 7:57-62 Spring '79

Foreign RelationsRussia

Good neighbours. P. Mezentsev. Soviet Mil Rev No.5: 45-47+ May '79

AFRICA

Carter and Kissinger: Contrasts on Africa. Robin N. Montgomery. illus Natl Def 64:34-37+ Nov-Dec '79

The tug-of-war in Africa. Maj P. Francis. Army Qtr 108:417-422 Oct '78

AFRICA - ContinuedForeign RelationsFrance

France--military involvement in Africa. Dennis Chaplin. illus Mil Rev 59:44-47 Jan '79

French policy in Africa: A lonely battle against destabilization. Pierre Lellouche and Dominique Moisi. tabs Intl Sec 3:108-133 Spring '79

Strategic Importance

Options for U.S. policy toward Africa. Helen Kitchen, editor. AEI For Plcy & Def Rev 1, No.1: entire issue '79

AFRICA, CENTRAL

U.S. security interests and Africa south of the Sahara. Gen Bruce Palmer, Jr, Ret. maps tabs AEI Def Rev 2:2-43 '78

AFRICA, EAST

Realignment in the Horn: The Soviet advantage. Steven David. Intl Sec 4:69-90 Fall '79

The Sino-Soviet split: The Horn of Africa, November 1977 to February 1979. LCDR L.G.Shelton, Jr. illus Nav War Col Rev 32:78-87 May-Jun '79

A year of change: The recent and future Middle East--the Horn of Africa and the Maghreb. Leigh Johnson. illus Def & For Aff Dig 7, No.7:4-7+ '79

AFRICA, NORTH

A year of change: The recent and future Middle East--the Horn of Africa and the Maghreb. Leigh Johnson. illus Def & For Aff Dig 7, No.7:4-7+ '79

AFRICA, SOUTH

Here are entered articles on the southern region of Africa. For the country of South Africa see South Africa (Republic).

Southern Africa--the struggle continues. M.Alexandrov. Soviet Mil Rev No.5:53-54 May '79

U.S. security interests and Africa south of the Sahara. Gen Bruce Palmer, Jr, Ret. maps tabs AEI Def Rev 2:2-43 '78

AFRICA, SUB-SAHARAN

Africa begins the change. Gregory Copley. illus tab Def & For Aff Dig 7, No.10:6-9+ '79

U.S. security interests and Africa south of the Sahara. Gen Bruce Palmer, Jr, Ret. maps tabs AEI Def Rev 2:2-43 '78

Foreign RelationsUnited States

U.S. security interests and Africa south of the Sahara. Gen Bruce Palmer, Jr, Ret. maps tabs AEI Def Rev 2:2-43 '78

Strategic Importance

African minerals and American policy. Maj A.D. Ackels. tab illus Parameters 8:47-54 Dec '78

AFRICA, WEST

The tug-of-war in Africa. Maj P. Francis. Army Qtr 108:417-422 Oct '78

U.S. security interests and Africa south of the Sahara. Gen Bruce Palmer, Jr, Ret. maps tabs AEI Def Rev 2:2-43 '78

AGE

Age trends in the cardiovascular dynamics of aircrewmen. Walter K. Harrison and J. Eldrid Smith. tabs Aviation, Space & Envmt Med 50:271-274 Mar '79

35, older: Walk, don't run (in) physical fitness tests. Ron Sanders. AF Times 39:2 Feb 5 '79

When family life falls apart. Clifford R. Dunning. illus AF Times pt 1, 39:39+ Jan 8 '79; pt 2, Foudering families can get help. 39:43+ Jan 15 '79

AGRICULTURESee also

Airplanes in Agriculture
Helicopters in Agriculture

AIR ALERT see Alert Systems

AIR ASSAULT CONCEPT

Air attack. Dean Fletcher. illus USA Avn Dig 25: 20-21 Oct '79

The 82d Airborne Division. illus tabs Infantry 69: 15-21 Mar-Apr '79

Suppression of enemy air defenses. LtCol Charles W. Montgomery, Ret. illus tab Fld Arty J 47:22-25 May-Jun '79

Study and Teaching

Air assault. SP5 William J. Pickett. illus Soldiers 34:6-9 Jan '79

AIR BASE DEFENSESee also

Disaster Control

USAF air base defense policy. Intl Def Rev 12, No. 8:1285 '79

AIR BASESSee also

Inactivation of Installations and Units--Air Force
Tenant Units

Construction

AF to help build Israeli bases. AF Times 39:23 Apr 30 '79

A study of the architect and architecture: How to improve both. LtCol David G. Scheatzle. illus tab AF Engrg & Svcs Qtr 20:6-8 May '79

Israel

AF to help build Israeli bases. AF Times 39:23 Apr 30 '79

United States

Air bases are entered by name and location as given by the U.S. Organization Chart Service's U.S. Military and Government Installation Directory.

AIR BASES - ContinuedUnited States - Cont'd

A base color plan. Lt Ellen C. Ernst. illus tab AF Engrg & Svcs Qtr 20:34-36 May '79

Controlling clutter or giving design a chance. John B. Zukosky. illus AF Engrg & Svcs Qtr 20:26-29 May '79

The 1978 Air Force Design Awards. illus AF Engrg & Svcs Qtr 20:18-19 May '79

A study of the architect and architecture: How to improve both. LtCol David G. Scheatzle. illus tab AF Engrg & Svcs Qtr 20:6-8 May '79

Directories

Guide to Air National Guard bases. AF Mag 62:160-162 May '79

Guide to USAF bases (and stations) at home and abroad. map AF Mag 62:151-159 May '79

Castle AFB, CA

The Castle (AFB, CA) story: Making of a crewmember. Capt Ronald S. Bartlett. illus Combat Crew 29:4-7+ Feb '79

Davis-Monthan AFB, AZ

Airfield profiles. maps TAC Attack 19:10-12 Mar '79

D-21, one of many oddities at D-M (Davis-Monthan AFB, AZ). Jay Miller. illus AF Times 40:50 Dec 17 '79

Eglin AFB, FL

Eglin (AFB, FL) drug program proves surprise. Jim I. Swinson, Jr. AF Times 40:22 Nov 26 '79

Ellington AFB, TX

Security mission: Visit of Chinese leader to Texas was a challenge to "sky cops" of base security at ANG/Ellington (AFB). SSgt Bruce Zielsdorf. illus Natl Guard 33:22-23 Feb '79

Elmendorf AFB, AK

A whale of a fish story. (Cooperation between Elmendorf AFB and Alaska officials in the construction of a major fish hatchery on the base) Maj Charles D. Mosbrugger. illus AF Engrg & Svcs Qtr 20:27-28 Feb '79

George AFB, CA

Getting to know you. (A special airman program links George AFB with the community) Capt Dick Sheffield. illus Airman 23:9-12 May '79

Griffiss AFB, NY

Griffiss (AFB, NY) 1st to get cruise missile. AF Times 39:71 May 28 '79

Hill AFB, UT

Congress told of health hazards at Hill (AFB, UT). Ron Sanders. AF Times 39:1+ Apr 16 '79

Hill AFB (UT) health probe backed. Ron Sanders. AF Times 39:4 Apr 23 '79

AIR BASES - ContinuedUnited States - Cont'dHill AFB, UT - Cont'd

Ready team for a fighter. (Hill AFB, UT, gets ready for the F-16) Capt Dick Sheffield. illus Airman 23: 43-48 Jun '79

Loring AFB, ME

Loring (AFB, ME) reduction halted. AF Times 39:3 Jul 9 '79

Senate vote means Loring (AFB, ME) could stay. Richard C. Barnard. AF Times 40:6 Aug 13 '79

Luke AFB, AZ

Airfield profiles. maps TAC Attack 19:10-12 Mar '79

McClellan AFB, CA

McClellan Air Force Base (CA): Department store of the Pacific. Robert A. Baker. illus Def Trans J 35:14-15+ Feb '79

Minot AFB, ND

Minot's (AFB, ND) 5th (Bombardment Wg) one of oldest. AF Times 40:23 Sep 3 '79

Moody AFB, GA

The image of a revitalized base (Moody AFB, GA). LtCol Robert H. Lynch. illus AF Engrg & Svcs Qtr 20:24-25 Aug '79

Nellis AFB, NV

Nellis (AFB, NV) airfield profile. Lt Ben Rich. illus Combat Crew 29:8-9+ Aug '79; TAC Attack 19: 18-20 Aug '79

Offutt AFB, NE--History

History of Building D. Ted Ryon. illus Aerosp Hist 26:25-29 Mar '79

Shaw AFB, SC

Shaw (AFB, SC)--recce country, home of tactical reconnaissance. Capt Mike Peterson. illus TAC Attack 19:20-21 Aug '79

Sheppard AFB, TX

In tornado alley. (AF responds to disaster in Wichita Falls, TX) MSgt David B. Drachlis. illus Airman 23:14-20 Jul '79

Vandenberg AFB, CA

\$1.2 billion launching facility being built at Vandenberg AFB (CA) for space shuttle. illus Def Elect 11:32-33 Nov '79

The space shuttle goes West. LtCols Raymond E. Rodgers, Jr and Tyler Jackson. illus AF Engrg & Svcs Qtr 20:29-33 Aug '79

Vietnam (Socialist Republic)

Cam Ranh revisited: 'Sweet water' for USSR? L. Edgar Prina. illus Sea Power 22:18-22 May '79

AIR BASES, AMERICANDirectories

USAF's principal bases overseas. AF Mag 62:159 May '79

AIR BASES, AMERICAN - ContinuedEurope, Western

The A-10 in Central Europe--a concept of deployment-employment. Col Robert D. Rasmussen. map illus tabs AU Rev 30:26-44 Nov-Dec '78

Germany (Federal Republic)

Turning 'em around and around. (Transient alert crews at Ramstein AB, Ger, service the various planes from NATO countries) SMSgt Dave Sheeder. illus Airman 23:21-28 Sep '79

Great Britain

The built-from-scratch (2160th) Comm Squad. Capt Tim Philbrick. illus AF Times 40:42 Nov 19 '79

Greenland

Images: A reflection on people management (at Thule AB, Greenland). Col Clark T. Price and LtCol Arthur T. Stellmach. illus AF Engrg & Svcs Qtr 20:23-25 Feb '79

Guam

Christmas drop. (USAF aircrews drop presents and supplies from the people of Guam to the islanders of Micronesia) Capt Katie Cutler. illus Airman 23: 27-29 Dec '79

Japan

A new view on the plain. (American Forces Radio and Television Service brings English-language television to U.S. military bases outside of Tokyo, Japan) Capt Michael Gammon. illus Airman 23:8-13 Jun '79

AIR CABIN CREWS see Cabin CrewsAIR CARGOSee also

Hazardous Substances--Transportation

The ACCESS (Air Canada Cargo Enquiry and Service System) and Raycargo systems: Computer developments in the air cargo industry. Peter Tallon. illus Interavia 34:693-695 Jul '79

Air cargo deregulation--what's happened since. (Report, NDTA Albuquerque, NM, Chap, May 2, 1979) John C. Emery, Jr. illus Def Trans J 35: 21-22 Jun '79

Air cargo's increasing dependence on information technology. Nicholas Lanyon. illus Interavia 34: 849-853 Sep '79

Cargo handling systems. Manfred Momberger. illus Aerosp Intl 15:25-27 Aug-Sep '79

Frustrated air cargo loses twice. Capt Joseph B. Kmetz. illus Translog 10:18-19 Jan '79

Super people doing ... a super job. SMSgt Gerald H. Smith. illus Air Reservist 31:12-13 Dec '78-Jan '79

AIR CAVALRY

"Eyes"--an innovation in Air Cavalry. LtCol Clyde A. Hennies. illus Armor 88:20-23 Nov-Dec '79

Integration of air & ground operations in the cavalry regiment. Col Harold R. Page. illus USA Avn Dig 25:9-15 Feb '79

AIR CAVALRY - ContinuedOrganization

Air Cavalry Attack Brigade--Division 86's aviation organization. MajGen James H. Merryman. illus chart tabs USA Avn Dig 25:2-5 Nov '79

Air Cavalry Attack Troop (ACAT). Capt Gordon E. Sayre. illus tabs Armor 87:10-15 Nov-Dec '78

AIR CREWSSee also

Cabin Crews

also specific kinds of crew members, e.g.,

Navigators

Pilots

Radio Operators

Age trends in the cardiovascular dynamics of air-crewmembers. Walter K. Harrison and J. Eldrid Smith. tabs Aviation, Space & Envmt Med 50:271-274 Mar '79

C-5, 141 crew ratios can be cut--GAO. AF Times 40:4 Oct 15 '79

Fighter Index of Thermal Stress (FITS): Guidance for hot-weather aircraft operations. Sarah A. Numneley and Richard F. Stribley. tabs Aviation, Space & Envmt Med 50:639-642 Jun '79

Hyperventilation in aircrew: A review. T.M. Gibson. tabs Aviation, Space & Envmt Med 50:725-733 Jul '79

Management of attached crewmembers. TIG Brief 31:20 Jun 1 '79

Nomex flight jackets for aircrews. TIG Brief 31:19 Jun 15 '79

Pilot operational deviations. tab TIG Brief 31:16 Nov 2 '79

Syncopal episodes: Fainting in aircrews. WgComdr Michael D. Miller. illus tab TAC Attack 19:20-21 Jun '79

Education and Training

ATM (Aircrew Training Manual)--a view from the field. CW3 Robert D. Hill. illus USA Avn Dig 25:16-19 Dec '79

(Air Combat Maneuvering Range/Instrumentation--ACMR/I system) Signal 33:192 May-Jun '79

The Aircrew Training Program (formerly known as the Flying Hour Program). Capt David R. Esterak. tabs USA Avn Dig 25:46-48 Oct '79

Blue Flag. Capt Thomas J. Norton. illus AU Rev 30:58-68 Jan-Feb '79

The Castle (AFB, CA) story: Making of a crewmember. Capt Ronald S. Bartlett. illus Combat Crew 29:4-7+ Feb '79

\$\$ would aid SRAM skills. AF Times 39:36 Mar 5 '79

Increased air-to-air specialization training: An alternative. Maj Donald J. Alberts and Capt Leroy Mock. illus AU Rev 30:2-14 Nov-Dec '78

The mission of the Air Force is to train and survive--and don't you forget it! Maj David V. Froehlich. illus Aerosp Safety 35:22-23 Dec '79

AIR CUSHION VEHICLES

Air cushion vehicle--a military logistics weapon. LtCol William D. Siuru, Jr. illus Def Trans J 35:6-8+ Feb '79

Air cushion vehicles. Anthony J. O'Connor. illus tab Armor 88:13-16 Jan-Feb '79

'A major budget issue': SES decision imminent. L. Edgar Prina. illus Sea Power 22:20-21 Jan '79

Military hardware developments. illus Def Trans J 35:16-17 Dec '79

The role of high-speed ships in the U.S. Navy. RADM George G. Halvorson. illus US Nav Inst Proc 105:33-41 Jan '79

Speed in modern warships. Norman Friedman. illus US Nav Inst Proc 105:150-167 May '79

Testing

Air cushion vehicle completes sea trials. illus MarCor Gaz 63:4 Feb '79

AIR DEFENSE COMMAND see Aerospace Defense Command

AIR DEFENSE SUPPRESSION see Defense Suppression

AIR DEFENSESSee also

Alert Systems

Missile Defense

Sage

Warning Systems

History

History of air defense. Regular feature in some issues of Air Defense Magazine

Europe, Western

European naval helicopter requirements and some current solutions. illus tab Intl Def Rev 12, No.4:562-567 '79

Western European aircraft procurement--caught between the Soviet threat and competition from America. LtCol Norbert Hannig, Ret. illus Intl Def Rev 12, No.4:557-561 '79

FinlandHistory

Lessons of the Winter War. Capt Roger L. Vogel II. illus Air Def Mag, pp 44-45, Oct-Dec '79

France

The Mirage 2000--an essential component of the French Air Force. Germain Chamboast. illus tab Intl Def Rev 12, No.7:1136-1141 '79

Great Britain

The Sky Flash air-to-air missile. illus tab Intl Def Rev 12, No.6:951-954 '79

UKADGE (UK Air Defense Ground Environment) updates--the UK re-thinks its radar defenses. illus Intl Def Rev 12, No.5:771-774 '79

History

A new lease on empire: Air policing, 1919-1939. Roger A. Beaumont. illus Aerosp Hist 26:84-90 Jun '79

AIR DEFENSES - ContinuedNATO

A-10, F-15 boost NATO strength. Interview. Gen John W. Pauly. illus AF Times 39:10 Mar 19 '79

The 32d AADCOM: Air defense in Europe--a cooperative effort. illus Air Def Mag, pp 6-10, Jul-Sep '79

Can the A-10 Thunderbolt II survive in Europe? Charles Gilson. illus tabs Intl Def Rev 12, No. 2: 184-189 '79

Ground environment for the future: The air defence of Allied Command Europe. Air Commodore E.B. Sismore. (Reprinted from NATO's Fifteen Nations, Aug-Sep 1978) illus Royal Air Forces Qtr 18:345-349+ Winter '78

Offshore patrol. illus tab Intl Def Rev pt 1, Aircraft, 12, No. 5:787-794+ '79; pt 2, Surface craft, 12, No. 8:1341-1350 '79

UK AEW--Nimrod system looks like being first in Europe. Dan Boyle. illus Intl Def Rev 12, No. 3: 372-376 '79

UKADGE (UK Air Defense Ground Environment) updates--the UK re-thinks its radar defenses. illus Intl Def Rev 12, No. 5:771-774 '79

Western European aircraft procurement--caught between the Soviet threat and competition from America. LtCol Norbert Hannig, Ret. illus Intl Def Rev 12, No. 4:557-561 '79

North AmericaSee also

North American Air Defense Command

Canada's contribution to the defence of Europe. John Gellner. illus NATO's Fifteen Nations 24:54-57 Apr-May '79

Russia

Tactical air defense--a Soviet-U.S. net assessment. Maj Tyrus W. Cobb. illus tab AU Rev 30:18-39 Mar-Apr '79

United StatesSee also

North American Air Defense Command

Air defense artillery. LtCol Richard B. Wessling and others. illus Armor 88:30-34 Sep-Oct '79

Attack helicopters for a successful defense. LtCols Eugene H. Grayson, Jr and Glenn R. Allen. illus USA Avn Dig 25:12-15 Nov '79

The B-52: Growing more vital with age. Bonner Day. illus AF Mag 62:32-37 Feb '79

Deployment of Improved Hawk in a triad configuration. Capt Lafayette Trice, Jr. illus Air Def Mag, pp 22-24, Jul-Sep '79

The growing, changing role of C³I. Edgar Ulsamer. illus AF Mag 62:36-40+ Jul '79

Strategic defensive systems. Alexander H. Flax. illus Natl Def 64:40-44 Sep-Oct '79

Tactical air defense--a Soviet-U.S. net assessment. Maj Tyrus W. Cobb. illus tab AU Rev 30:18-39 Mar-Apr '79

AIR DEFENSES - ContinuedUnited States - Cont'd

Women in ADA (Air Defense Artillery). Capt Richard C. Lewis. illus tabs Air Def Mag, pp 14+, Jan-Mar '79

Women where? Capt Susan P. Cheney. illus Air Def Mag, pp 15-17, Jan-Mar '79

Study and Teaching

AGES (Air Ground Engagement Simulation)--realistic training for air defenders. Donald E. Erwin and Earl S. Stein. illus tabs Air Def Mag, pp 11-16, Jul-Sep '79

Warsaw Pact

Suppression of enemy air defenses. LtCol Charles W. Montgomery, Ret. illus tab Fld Arty J 47:22-25 May-Jun '79

AIR DROP see Airdrop

AIR EXPRESS see Air Cargo

AIR FORCE

Air Forces of the world--1979. illus tabs Interavia 34:51-66 Jan '79

Divisions, Wings, Groups, etc

See also specific types of units, e.g.,

Airlift Units	Missile Units
Bomber Units	Refueling Units
Fighter Units	

Statistics

Average strength of military formations. International Institute for Strategic Studies. Table only. AF Mag 62:132 Dec '79

United States

The built-from-scratch (2160th) Comm Squad. Capt Tim Philbrick. illus AF Times 40:42 Nov 19 '79

The "friendly enemy." (17th Defense Systems Evaluation Sq) 1stLt Duane W. Deal. illus Interceptor 21: 10-15 Feb '79

The legacy of the Triangle. (Safety record of 19th Bomb Wg, Robins AFB, GA) illus Combat Crew 29:4-7+ Jun '79

The 81st Tactical Fighter Wing. F. Clifton Berry, Jr. illus map Armed Forces J Intl 116:18-19 Jun '79

(86th Tactical Fighter) Wing maintenance crash recovery shops handle emergencies. SrAmm David Howe. illus AF Times 40:32 Nov 26 '79

Canada

Flying 'Maple Flag.' David Healy. illus Aerosp Safety 35:11-13 Nov '79

Maple Leaf dogfight underway. Murry Shohat. illus tabs Mil Elect/Countermeasures 5:29+ Jan '79

The Snowbirds (Canadian Armed Forces' aerial demonstration squadron). Capt Dick Sheffield. illus Airman 23:2-6 Apr '79

FinlandHistory

The Finnish Air Force. Col Pertti Jokinen. illus tabs Aerosp Hist 26:221-232 Dec '79

AIR FORCE - ContinuedFrance

The changing missions and structure of the French Air Force in the 1980s: The views of the senior planner, Justin Galen. tab Armed Forces J Intl 117:18+ Nov '79

Many French AF pilots are EM. Paul Smith. illus AF Times 39:12 Jan 29 '79

The Mirage 2000--an essential component of the French Air Force. Germain Chambost. illus tab Intl Def Rev 12, No.7:1136-1141 '79

Germany (Federal Republic)

German pilots: 3 types; no up-or-out. Paul Smith. AF Times 39:32+ Jan 15 '79

Nesterovs, Knobelsdorffs und Mach kein Scheiss. Maj Gregg Swanson. illus USAF Ftr Wpns Rev, pp 26-29, Summer '79

Great Britain

The Church of the Royal Air Force (St Clement Danes)--twenty years old. illus Royal Air Forces Qtr 18:360-366 Winter '78

A European tactical fighter--the RAF dilemma. Air Commodore P.B.Hine. illus tabs Intl Def Rev 12, No.5:757-764 '79

The Royal way--determining the most probable position. Capts Kent Edie and Mike Martini. illus tabs Navigator 26:5-8 Spring '79

There's no up-or-out in RAF. Paul Smith. illus AF Times 39:48 Feb 5 '79

History

Eagles at Malta. Vern Haugland. illus AF Mag 62: 104-106+ Sep '79

How the RAF led the way. Col R.C.Burns, Ret. illus Aerosp Hist 26:12-16 Mar '79

A new lease on empire: Air policing, 1919-1939. Roger A. Beaumont. illus Aerosp Hist 26:84-90 Jun '79

Israel

Israel's quest for military independence. Bonner H. Day. illus NATO's Fifteen Nations 23:52-56 Dec '78-Jan '79

ItalyHistory

Douhet in Italy: Prophet without honor? Claudio G. Segre. illus Aerosp Hist 26:69-80 Jun '79

Peru

In the land of the Incas. SSgt Bill Welch. illus Airman 23:16-20 May '79

Russia

Air Force logistics. MajGen V.Chupov. Soviet Mil Rev No.8:8-9 Aug '79

The dynamic changes in Soviet military aviation. John Fullerton. Def & For Aff Dig 7, No.5:54-56 '79

AIR FORCE - ContinuedRussia - Cont'd

Senior navigator of the unit. MajGen N.Ya. Kondrat'yev. (Trans from a Russian publication; reprinted from Navigator, Dec 1961) illus Navigator 26:19-21 Winter '79

The Soviet pilot. SqLdr D.G.Hawkins. illus Hawk No.39:61-65 Winter '78-'79

Trends in Soviet frontal aviation. William Schneider, Jr. illus AF Mag 62:76-81 Mar '79

Organization

Organization of Soviet Armed Forces. charts tabs AF Mag 62:95-97 Mar '79

Sweden

The Swedish Air Force at the Paris Air Show: Down, but not out. Alexander Scott. Armed Forces J Intl 117:46+ Sep '79

Swedish Air Force: The end of an era? Warren K. Christolon. illus Armed Forces J Intl 117:44+ Sep '79

United States

AFA policy paper: Force modernization and R&D. AF Mag 62:46-50 Nov '79

AFA's 33d National Convention (Washington, Sep 16-20, 1979): A searching review of USAF's requirements. Edgar Ulsamer. illus AF Mag 62: 38-42 Nov '79

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 62:135-149 May '79

Avionics: The road ahead. Col Robert S.Ziernicki, Ret. illus AF Mag 62:67-75 Jul '79

Broadening the strategic planning process. John C. Stetson. illus AF Mag 62:58-59 May '79

The central challenge of the 1980s. Gen Lew Allen, Jr. illus AF Mag 62:63-66 Nov '79

The critical element--long-range thinking. Hans M. Mark. illus AF Mag 62:60-62 Nov '79

Dr Mark is appointed Secretary of the Air Force. illus AF Compt 13; back cover Oct '79

"Does America really care?" (Excerpts from keynote address, AFA's 33d National Convention) Capt Kathy LaSauce-Arlington. illus AF Mag 62:86 Nov '79

Electronic warfare initiatives. LtGen Lawrence A. Skantze. illus AF Mag 62:77-82 Jul '79

Fielding a modern ready Air Force. (Address, AFCEA Washington Chap, April 1979) Gen James A.Hill. illus Signal 34:27-29 Sep '79

Flying 'Maple Flag.' David Healy. illus Aerosp Safety 35:11-13 Nov '79

Focus on quality. Gen Lew Allen, Jr. illus AF Mag 62:69 Sep '79

Fraudulent documents: Don't try! TIG Brief 31:4 Sep 21 '79

AIR FORCE - ContinuedUnited States - Cont'd

- From the airlift to Vietnam & beyond. (Address, 8th Military History Symposium, "Air Power and Warfare," Air Force Academy, Oct 1978) Gen T.R. Milton, Ret. illus AF Mag 62:38-43 Feb '79
- Greenleaf: He shapes the AF of the future. Interview. LtGen Abbott C.Greenleaf. illus AF Times 40:10 Oct 22 '79
- The growing, changing role of C3I. Edgar Ulsamer. illus AF Mag 62:36-40+ Jul '79
- High expectations. (Presentation, Graduating Class of 1979, U.S. Air Force Academy, May 30, 1979) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No.7:14-16 Jul '79
- The indispensable resource. (Presentation, Air Force Sergeants Assoc Division 1 Convention, Wakefield, MA, May 26, 1979) LtGen Robert T.Marsh. AF Plcy Ltr for Comdrs: Sup No.7:26-30 Jul '79
- Is USAF ready for chemical warfare? Maj Neil V. Raymond. illus AF Mag 62:100-103 Nov '79
- Mark, Chayes, Hermann--three are moving up (to AFSec, Under Sec, and an assistant sec). illus AF Times 39:16 Jul 9 '79
- New Secretary of the Air Force (Hans M.Mark). illus Air Reservist 31:4 Aug-Sep '79
- Not mercenaries; not missionaries. (Address, Joint Session of the Junior Officer Advisory Council, Enlisted Advisory Council, Senior Enlisted Advisors, Air Force Assoc National Convention, Washington) MajGen H.A.Morris. AF Plcy Ltr for Comdrs: Sup No.12:23-27 Dec '78
- "... people are too ready to sell the all-volunteer force down the river." Interview. Antonia Handler Chayes. illus Armed Forces J Intl 117:48-51 Oct '79
- Readiness, modernization, motivation. Gen Lew Allen, Jr. illus AF Mag 62:60+ May '79
- Report from within. (AFA's Junior Officer, Senior Enlisted, and Enlisted Advisory Councils at the 1979 AFA Convention) Maj Gene E.Townsend. illus AF Mag 62:78-80 Nov '79
- Report on pay raise--AF: Seven percent would comply. tab AF Times 39:14 Jul 9 '79
- SAF/FM organization. (Asst SecAF/Financial Management) illus chart AF Compt 13:3 Oct '79
- Secretaries Mark, Chayes, Hermann nominated for top USAF posts. Bonner Day. illus AF Mag 62:34-35 Aug '79
- Secretary of the Air Force John C.Stetson resigns. illus AF Mag 62:32 Jun '79
- "There is very great virtue in debate among knowledgeable people." Interview. Hans M.Mark. illus Armed Forces J Intl 117:38-40+ Sep '79
- Thinking as Air Force leaders. (Presentation, Air Force Assoc National Convention, Washington, Sep 17, 1979) MajGen H.A.Morris. AF Plcy Ltr for Comdrs: Sup No.12:20-26 Dec '79
- "... to be against readiness is to be against motherhood." Interview. LtGen Thomas P.Stafford. illus tabs Armed Forces J Intl 117:28+ Nov '79

AIR FORCE - ContinuedUnited States - Cont'd

- USAF's future: The challenge is yours. CMSAF Robert D.Gaylor. illus AF Mag 62:64 May '79
- USAF's three top priorities. Hans M.Mark. illus AF Mag 62:66 Sep '79
- (U.S. Air Force) (Keynote address, AFA National Convention, Washington, Sep 17, 1979) Capt Kathy LaSauce-Arlington. AF Plcy Ltr for Comdrs: Sup No.11:26-32 Nov '79
- The U.S. Air Force, as we look forward. (Remarks, Air Force Assoc National Convention luncheon for the Chief of Staff, Washington, DC) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No.12:2-8 Dec '78
- What the Air Force means to me. (Presentation, Utah Air Force Assoc, April 20, 1979) MajGen L.M. Killpack. AF Plcy Ltr for Comdrs: Sup No.6:24-29 Jun '79

History

- Broadening the strategic planning process. John C. Stetson. illus AF Mag 62:58-59 May '79
- "The Shasta disaster"--forgotten lesson in interservice relations. Murray Green. illus AU Rev 30:68-74 Mar-Apr '79
- Thinking of new horizons. (Presentation, Secretary Luncheon of the Air Force Assoc National Convention, Washington, Sep 19, 1979) Hans M.Mark. AF Plcy Ltr for Comdrs: Sup No.11:2-7 Nov '79
- Weather and war. John F.Fuller. illus Navigator 26:5-9 Summer '79

Organization

- The Air Force's experience with matrix management. Maj Karl T.Thurber. illus Def Mgt J 14:16-21 Nov '78
- (Photocharts of structure of the Office of the Secretary of the Air Force, the USAF Air Staff, the Deputy Chiefs of Staff, the major commands, and the separate operating agencies as of Aug 15, 1979) AF Mag 62:73-80 Sep '79

Statistics

- An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 62:135-149 May '79
- Manpower and personnel program. (Address, House of Representatives Armed Services Committee, Washington, Feb 28, 1979) Antonia Handler Chayes. AF Plcy Ltr for Comdrs: Sup No.4:2-14 Apr '79

AIR FORCE, 5th

- Pacific Air Forces. tab illus chart AF Mag 62:82-83 May '79

AIR FORCE, 8th

- Strategic Air Command. illus charts AF Mag 62:84-86 May '79

AIR FORCE, 9th

- Tactical Air Command. illus charts AF Mag 62:88-90 May '79

AIR FORCE, 12th

Tactical Air Command. illus charts AF Mag 62:88-90
May '79

AIR FORCE, 13th

Pacific Air Forces. tab illus chart AF Mag 62:82-83
May '79

AIR FORCE, 15th

Strategic Air Command. illus charts AF Mag 62:84-86
May '79

AIR FORCE, 21st

Military Airlift Command. illus tab charts AF Mag
62:78-80 May '79

AIR FORCE, 22d

Military Airlift Command. illus tab charts AF Mag
62:78-80 May '79

AIR FORCE ACADEMY

Academy honors outstanding liaison officers. illus
Officer 55:14 Dec '79

Air Force Academy. illus AF Mag 62:114 May '79

Air Force Academy. Col Andrew E. Migala. tabs AF
Compt 13:4-7 Apr '79

The Air Force Academy: A fine twenty-five years.
Gen T.R. Milton, Ret. illus AF Mag 62:34-40
Apr '79

Anniversary in the Rockies. Airman 23: inside front
cover Aug '79

A chief's chief. (CMSgt Dorothy W. Holmes retires
from the USAF Academy after 30 years military
service) SSgt Fred Spriggs. illus Airman 23:6-7
Sep '79

The Doomsday Game. (USAF professors explain the
energy crisis with an electronic game) Robert K.
Ruhl. illus Airman 23:12-14 Feb '79

Education and military commitment. Oscar Grusky.
tabs Armed Forces & Soc 6:132-147 Fall '79

Foster 'alumni' help Academy. Col Richard S.
George. illus Air Reservist 31:12-13 Apr '79

High expectations. (Presentation, Graduating Class of
1979, U.S. Air Force Academy, May 30, 1979)
Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup
No. 7:14-16 Jul '79

Service--the cornerstone of Accounting & Finance.
LtCol C.L. Martin, Jr. illus AF Compt 13:16-19
Jan '79

History

The Air Force Academy: A fine twenty-five years.
Gen T.R. Milton, Ret. illus AF Mag 62:34-40
Apr '79

From the ramparts. (AF Academy observes its 25th
anniversary) illus Airman 23:29-32 Aug '79

Silver for Academy. illus AF Times 39:16-18
Mar 26 '79

AIR FORCE ACCOUNTING AND FINANCE CENTER

Air Force Accounting and Finance Center. illus AF
Mag 62:98 May '79

AIR FORCE ACCOUNTING AND FINANCE CENTER -
Continued

Directorate of Accounting & Finance. BrigGen George
C. Lynch. illus AF Compt 13:27 Oct '79

Notes from the Director of Accounting & Finance.
MajGen Lucius Theus. illus AF Compt 13:29
Jan '79

Notes from the Director of Accounting & Finance.
MajGen Lucius Theus. illus AF Compt 13:23
Apr '79

Notes from the Director of Accounting & Finance.
MajGen Lucius Theus. illus AF Compt 13:39
Jul '79

AIR FORCE AID SOCIETY

AFAS launches student loan plan. AF Times 39:3
Jun 11 '79

AFAS offers new student loan plan. Don Mace. AF
Times 40:6 Oct 15 '79

New AFAS boss (Gen Louis T. Seith) seeks to im-
prove the image. Bruce Callander. tab AF Times
39:10 Apr 30 '79

(New deferment policy for students in college) AF
Times 39:14 Jul 9 '79

AIR FORCE ASSOCIATION

AFA addresses personnel problems (at Annual Con-
vention, Washington, Sep 17-19, 1979). Len Fa-
miglietti. AF Times 40:4 Oct 1 '79

AFA: ICBM force No. 1 priority. AF Times 40:23
Oct 8 '79

AFA policy paper: Defense manpower issues. AF
Mag 62:50-53 Nov '79

AFA policy paper: Force modernization and R&D.
AF Mag 62:46-50 Nov '79

AFA's agenda for the eighties. Vic Powell. illus AF
Mag 62:84-85+ Nov '79

AFA's committees, councils and policy advisors for
1979. illus AF Mag 62:106-108 Jun '79

AFA's 1979-80 Statement of Policy (adopted at Annual
National Convention, Sep 17, 1979). AF Mag 62:6
Nov '79

AFA's 33d National Convention (Washington,
Sep 16-20, 1979): A searching review of USAF's
requirements. Edgar Ulsamer. illus AF Mag 62:
38-42 Nov '79

Awards at the 1979 Air Force Association National
Convention. illus AF Mag 62:58-59 Nov '79

"Does America really care?" (Excerpts from keynote
address, AFA's 33d National Convention) Capt
Kathy LaSauce-Arlington. illus AF Mag 62:86
Nov '79

New critical defense needs. Edgar Ulsamer. (2d re-
port on AFA's National Symposium on "Toward a
New World Strategy," Los Angeles, Oct 26-27,
1978) illus AF Mag 62:26-31 Feb '79

'79 Convention highlights (AFA). (33d, Washington,
Sep 16-19) illus Air Reservist 32:8-9 Nov '79

AIR FORCE ASSOCIATION - Continued

Report from within. (AFA's Junior Officer, Senior Enlisted, and Enlisted Advisory Councils at the 1979 AFA Convention) Maj Gene E. Townsend, illus AF Mag 62:78-80 Nov '79

Toward a new world strategy. (Report on AFA's National Symposium on "Toward a New World Strategy," Los Angeles, Oct 26-27, 1978) Edgar Ulsamer, illus AF Mag 62:60-65 Jan '79

A tribute to the outstanding twelve. (Outstanding Airmen for 1979) William P. Schlitz, illus AF Mag 62:70-72 Nov '79

AIR FORCE AUDIT AGENCY

Air Force Audit Agency, illus AF Mag 62:98-99 May '79

Auditor General, MajGen Joseph B. Dodds, illus AF Compt 13:32 Oct '79

Notes from the Auditor General, BrigGen Joseph B. Dodds, illus AF Compt 13:32 Jan '79

Notes from the Auditor General, MajGen Joseph B. Dodds, illus AF Compt 13:27 Apr '79

Notes from the Auditor General, MajGen Joseph B. Dodds, illus AF Compt 13:38 Jul '79

AIR FORCE AVIONICS LABORATORY

CNI (Communications, Navigation and IFF) 1990. Richard Hartman, illus Elect Warfare/Def Elect 11:68-70+ Apr '79

AIR FORCE COMMISSARY SERVICE

AFCOMS perspective: A message to carry home. Bill Moran, illus Review 58:46+ Jan-Feb '79

Air Force Commissary Service, illus AF Mag 62:107 May '79

Innovations in AFCOMS data processing. A. L. Allen, map Review 58:51-52+ Sep-Oct '79

Our men and women in uniforms: Keystone to readiness. MajGen Charles Woods, illus Review 58:27-28 Mar-Apr '79

AIR FORCE COMMUNICATIONS SERVICE

Air Force communications. (Remarks, Armed Forces Communications-Electronics Assoc (Gulf Coast Chap), Biloxi, MS, Oct 17, 1978) MajGen Robert T. Herres, AF Plcy Ltr for Comdrs: Sup No. 12:29-34 Dec '78

Air Force Communications Service, illus chart AF Mag 62:68-69 May '79

Air Force testing emergency communications system illus Signal 34:81 Nov-Dec '79

'Almost unbelievable,' Regina M. McGuinness, illus Air Reservist 31:15 Oct '79

AIR FORCE DATA SYSTEMS DESIGN CENTER

The Air Force Data Systems Design Center--we do it all for you! Maj James P. Woody, illus AF Compt 13:26-27 Jul '79

AIR FORCE ENGINEERING AND SERVICES AGENCY
see Air Force Engineering and Services CenterAIR FORCE ENGINEERING AND SERVICES CENTER

AF Engineering and Services Agency, illus AF Mag 62:99-100 May '79

Developments in rapid runway repair, James R. Van Orman and Lt Kenneth J. Knox, illus Mil Engr 71:400-402 Nov-Dec '79

New home for the Air Force Engineering and Services Center, Maj Jeffrey H. Markey, illus AF Engrg & Svcs Qtr 20:2-5+ Nov '79

The traveling teams of the AFESC, Maj Ronald C. Bunch, illus AF Engrg & Svcs Qtr 20:10-12 Nov '79

AIR FORCE FLIGHT TEST CENTERCosts

Big payroll backs tests at AFFTC, illus AF Times 39:26 Mar 5 '79

AIR FORCE GEOPHYSICS LABORATORY

AFGL goes beyond earth and sky, illus AF Times 40:32-33 Aug 27 '79

Taking balloons 'cirrusly,' (The Balloon Research & Development Test Branch at Holloman AFB, NM, runs experiments for the AF Geophysics Laboratory) Capt Katie Citler, illus Airman 23:45-48 Oct '79

AIR FORCE INSPECTION AND SAFETY CENTER

Air Force Inspection and Safety Center, illus AF Mag 62:101-102 May '79

AIR FORCE INSTITUTE OF TECHNOLOGY

AFIT's future commitments, Maj Charles G. Tucker, illus AF Mag 62:93-97 Jul '79

Air Force higher education. (Excerpts from remarks, graduating class of the Air Force Institute of Technology, Wright-Patterson AFB, OH, Dec 15, 1978) Charles W. Duncan, Jr. AF Plcy Ltr for Comdrs: Sup No. 3:31-33 Mar '79

(Gen Lew) Allen decries education drop, illus AF Times 40:8 Dec 24 '79

AIR FORCE INTELLIGENCE SERVICE

Air Force Intelligence Service, illus AF Mag 62:100 May '79

AIR FORCE LEGAL SERVICES CENTER

Air Force Legal Services Center, illus AF Mag 62:106 May '79

AIR FORCE LOGISTICS COMMANDSee also

Air Logistics Centers

Air Force Logistics Command, illus chart AF Mag 62:70-71 May '79

Comptroller activities at major commands: Hq Air Force Logistics Command, Col David M. Hall, illus AF Compt 13:4-9 Jan '79

DPI (Data Processing Installation) management--an AFLC prototype, Capt Edward A. Cecconi, illus AF Compt 13:10-12 Jul '79

AIR FORCE LOGISTICS COMMAND - Continued

- Doing something about energy (AFLC). LtGen Ira C. Eaker, Ret. AF Times 40:13-14 Jul 30 '79
- Explosive Ordnance Disposal (EOD) conference. TIG Brief 31:8 Jan 12 '79
- Foreign military sales and grant aid--a new AFLC delivery reporting system. Norris L. Bayless. illus tab AF Compt 13:40-42 Apr '79
- The independent cost analysis program at AFLC. Stephen R. Klipfel. illus AF Compt 13:30-31 Oct '79

AIR FORCE MANPOWER AND PERSONNEL CENTER

- Air Force Military Personnel Center. illus AF Mag 62:103-104 May '79
- It's all for you. TSgt Robert Hunter. illus Airman 23: 12-14 Mar '79
- MPC (Manpower and Personnel Center) to bring back two-grades-per-skill. Len Famiglietti. tab AF Times 40:4 Oct 29 '79
- Major push on to place more naves in key slots. M. L. Craver. AF Times 39:14 Apr 9 '79
- New Assistant for Retention Activities. TIG Brief 31:20 Dec 7 '79

AIR FORCE MEDICAL SERVICE CENTER

- Air Force Medical Service Center. illus AF Mag 62: 105-106 May '79

AIR FORCE MILITARY PERSONNEL CENTER see Air Force Manpower and Personnel CenterAIR FORCE OFFICE OF SPECIAL INVESTIGATIONS see Office of Special InvestigationsAIR FORCE SECURITY SERVICE see Electronic Security CommandAIR FORCE SERGEANTS ASSOCIATION

- Sgts Assn wants pay raise, 'comparability.' AF Times 40:10 Sep 3 '79

AIR FORCE SERVICE INFORMATION AND NEWS CENTER

- Air Force Service Information and News Center. illus AF Mag 62:104-105 May '79

AIR FORCE SOUTHERN AIR DIVISION (TAC)

- Airlift to Guyana. LtCol Tom Beal. illus map Natl Guard 33:4-7+ Jan '79

AIR FORCE SPECIALTY CODE see Personnel Classification--Air Force--U.S.AIR FORCE SYSTEMS COMMAND

- See also agencies by name, e.g.,
Aeronautical Systems Division
Electronic Systems Division
Space and Missile Systems Organization

- AFSC: Giving up on tooth faeries. Interview. Gen Alton Slay. illus Govt Exec 11:14+ Oct '79

- Air Force Systems Command. illus chart AF Mag 62:72-73 May '79

AIR FORCE SYSTEMS COMMAND - Continued

- (Air Force Systems Command) Interview. Gen Alton D. Slay. illus Mil Elect/Countermeasures 5:15-16+ Aug '79
- Doing more with MAS (Mobilization Augmentees). Col Raymond Thompson. illus Air Reservist 31:14-15 Feb '79
- An image carefully constructed: Caring. Capt Donald J. Graybill. illus AF Engrg & Svcs Qtr 20:6-8 Aug '79
- Paying for new technology. (Remarks, Air Force Assoc National Symposium, Los Angeles, Oct 27, 1978) Gen Alton D. Slay. AF Pcly Ltr for Comdrs: Sup No.2:2-9 Feb '79

Handbooks, Manuals, etc

- AFSC specialized publications providing a repository for lessons learned. TIG Brief 31:15 Jan 12 '79

AIR FORCE TEST AND EVALUATION CENTER

- Air Force Test and Evaluation Center. illus AF Mag 62:103 May '79

AIR FORCES IN EUROPE

- A-10, F-15 boost NATO strength. Interview. Gen John W. Pauly. illus AF Times 39:10 Mar 19 '79

- Commanders must communicate. (Presentation, Information Officers Conference Dining Out, Ramstein AB, Ger, Jan 24, 1979) Gen John W. Pauly. AF Pcly Ltr for Comdrs: Sup No.4:19-23 Apr '79

- Eifel Control. (Air traffic controllers at Spangdahlem AB, Ger, handle most of USAFE's air traffic in Germany) SMSgt Dave Sheeder. illus Airman 23: 15-20 Dec '79

- 'Mob' on the move. (1st Combat Communications Sq is a mobile unit in Europe) SMSgt Dave Sheeder. illus Airman 23:28-32 Nov '79

- United States Air Forces in Europe. illus tab chart AF Mag 62:94-95 May '79

AIR FORCES SOUTHERN COMMAND see Air Force Southern Air Division (TAC)AIR FREIGHT see Air CargoAIR-GROUND TRAINING

- AGES (Air Ground Engagement Simulation)--realistic training for air defenders. Donald E. Erwin and Earl S. Stein. illus tabs Air Def Mag, pp 11-16, Jul-Sep '79

- Instilling more direction and vitality into Marine Aviation tactical training. Maj Robert J. O'Rourke. illus MarCor Gaz 63:73-78 May '79

- Integration of air & ground operations in the cavalry regiment. Col Harold R. Page. illus USA Avn Dig 25:9-15 Feb '79

- Marine Aviation 1979: Battling for the best air support possible for the guy on the ground. Interview. LtGen Thomas H. Miller, Jr. illus MarCor Gaz 63:50-57 May '79

- Something for everyone (at the Marine Corps Air Ground Combat Center). Capt R.A. Stewart. MarCor Gaz 63:19-30 Jun '79

AIR LOGISTICS CENTERS

McClellan Air Force Base (CA): Department store of the Pacific. Robert A. Baker. illus Def Trans J 35:14-15+ Feb '79

Semiannual review of aircraft mishap recommendations. TIG Brief 31:16 Mar 9 '79

AIR MAIL SERVICE see Postal Service

AIR MATERIEL AREAS see Air Logistics Centers

AIR MOBILITYSee also

Air Assault Concept
Air Cavalry
Close Air Support

Air superiority at the treetops. LtCol Retsae H. Miller. illus Mil Rev 59:2-9 Mar '79

The helicopter--design frontier, airborne visibility. BrigGen Samuel G. Cockerham, Ret. illus tabs USA Avn Dig 25:1-5 Dec '79

A legacy from Lenin. Joseph E. Backofen, Jr. illus tab Armor 88:10-12 Jan-Feb '79

Modernizing the means of mobility. Gen T.R. Milton, Ret. AF Mag 62:86 Jun '79

The threat: Soviet airmobile operations. USA Avn Dig 25:16 Aug '79

AIR NATIONAL GUARD see National Guard--Air Force

AIR NAVIGATION see Navigation, Air

AIR POLICE see Military Police

AIR POLLUTION see Pollution

AIR POWER see Aerospace Power

AIR PROVING GROUND CENTER see Armament Division

AIR RACES see Airplanes--Races

AIR RESERVE PERSONNEL CENTER

ARPC: 25 years of progress. illus Air Reservist 31:10-11 Apr '79

Air Reserve Personnel Center. illus AF Mag 62:110 May '79

Air Reserve Personnel Center operates unique mail order service for 'customers.' illus Officer 55:10 Oct '79

Live 'happily ever after' by complying with requests for data from ARPC. Officer 55:15 Dec '79

Mail order ... ARPC style. illus Air Reservist 31:10-11 Jul '79

AIR-SEA RESCUE see Search and Rescue

AIR SHOWS see Aviation--Exhibitions

AIR STAFF

ASTRA (Air Staff TRAINing program) officers due OERs instead of TRs. AF Times 39:11 May 14 '79

Jan 1 Air Staff TRAINing (ASTRA) deadline. AF Times 40:4 Dec 10 '79

AIR SURVEILLANCE see Surveillance

AIR TACTICS see Tactics, Air

AIR TAXI SERVICE see Airlines, Local Service

AIR TRAFFIC CONTROLSee also

Ground-Controlled Approach

ARSR-3 in service: FAA installs new Air Route Surveillance Radars. illus tab Interavia 34:977 Oct '79

ATC facilities: The new look. Albert Ayo, Jr. illus USA Avn Dig 25:14-15 May '79

ATC flow management: A European problem. Dan Boyle. illus Interavia 34:964-968 Oct '79

Air Route Traffic Control Center (ARTCC) configuration. TIG Brief 31:13 Jan 12 '79

The Air Traffic Control Analysis Program. TIG Brief 31:13 Jan 26 '79

125th Air Traffic Control Battalion (Corps): "Guardian of the skies in Korea." Sgt Steve Davis. illus USA Avn Dig 25:10-11 May '79

Airport and regional ATC equipment. Manfred Momberger. illus tab Aerosp Intl 15:26+ Jun-Jul '79

The amazing shrinking call sign ... and other airborne oddities that hinder our air-to-ground communications. Capt Charles M. Westenhoff. MAC Flyer 26:13 Sep '79

(FAA adding color to radar displays) Signal 33:64 Feb '79

HATR (Hazardous Air Traffic Report) perspective. Maj Joseph Yadouga. illus Aerosp Safety 35:8-9 Dec '79

Loss of control? Capt Mike Davis. illus Interceptor 21:23 May '79

Mactan mixup. Maj James G. Gibson II. illus MAC Flyer 26:6-7 May '79

Modern techniques in air traffic control. Peter Jorgensen. illus Aerosp Intl 15:35-36 Jun-Jul '79

Pilot deviations show congestion. Len Famiglietti. AF Times 40:3 Nov 19 '79

Primrose path. MAC Flyer 26:22-23 May '79

Reforger firsts for the 59th (Air Traffic Control Battalion). PFC Patricia Dreher. illus USA Avn Dig 25:12-13 May '79

Tower of babble. illus MAC Flyer 26:21-23 Jan '79

Weather radar--ATC radar: There is a difference. Maj Duane B. Stoecklin. illus tabs Aerosp Safety 35:14-15 Jan '79; USA Avn Dig 25:24-25 Mar '79

When will there be a mandatory collision avoidance system? Dan Boyle. illus Interavia 34:87-88 Jan '79

Study and Teaching

Army ATC School (Fort Rucker, AL). Sgt1C James E. Petersen. illus USA Avn Dig 25:2-6 May '79

The simulator game. Lt Phil Harris. illus TAC Attack 19:26-27 Aug '79

AIR TRAFFIC CONTROL - ContinuedTerminology

"Roger traffic," Capt David Pine. illus Combat Crew 29:14 Mar '79

AIR TRAFFIC CONTROLLERS

Comparison of the job attitudes and interest patterns of air traffic and airway facility personnel. Roger C. Smith. tabs Aviation, Space & Envmt Med 50: 1031-1036 Oct '79

Controllers. Jan Welch. USA Avn Dig 25:49 May '79

Eifel Control. (Air traffic controllers at Spangdahlem AB, Ger, handle most of USAFE's air traffic in Germany) SMSgt Dave Sheeder. illus Airman 23: 15-20 Dec '79

Morbidity experience of air traffic control personnel--1967-77. Charles F. Booze. tabs Aviation, Space & Envmt Med 50:1-8 Jan '79

No room for error: A look at Army air traffic controllers. MSgt Matt Glasgow. illus Soldiers 34: 19-23 Dec '79

Radium hazards in air traffic control facilities. TIG Brief 31:12 Feb 9 '79

Review of stress in air traffic control: Its measurement and effects. John H. Crump. Aviation, Space & Envmt Med 50:243-248 Mar '79

The simulator game. Lt Phil Harris. illus TAC Attack 19:26-27 Aug '79

AIR TRAINING COMMAND

Air Force technical training. (Presentation, Dallas-Fort Worth Chap, Air Force Assoc, Carswell AFB, TX, June 23, 1979) MajGen Charles L. Donnelly, Jr. AF Ploy Ltr for Comdrs: Sup No. 9:22-29 Sep '79

Air Training Command. illus chart AF Mag 62:74-75 May '79

Comptroller activities at major commands: Air Training Command. Col Robert B. Black. illus AF Compt 13:4-7 Oct '79

AIR UNIVERSITYSee also

Air Force Institute of Technology
Air War College
Leadership and Management Development Center

Air Training Command. illus chart AF Mag 62:74-75 May '79

Gen Muir S. Fairchild: Strategist, statesman, educator. MajGen Haywood S. Hansell, Jr, Ret. illus AF Mag 62:72-74 Jan '79

Curricula

Notes from the Professional Military Comptroller School (Air University, Maxwell AFB, AL): Comptrollership in the acquisition & support activities. LtCol Billy M. Harrison. illus AF Compt 13:30-31 Jan '79

Notes from the Professional Military Comptroller School (Air University, Maxwell AFB, AL): Comptrollership in the operating activities. Maj James L. Laird. illus AF Compt 13:32-33 Apr '79

AIR UNIVERSITY - ContinuedCurricula - Cont'd

Notes from the Professional Military Comptroller School (Air University, Maxwell AFB, AL): The PMCS student selection process. Col Schuyler P. Berry. illus AF Compt 13:40-41 Jul '79

Professional Military Comptroller School (Air University, Maxwell AFB, AL). illus AF Compt 13:40-41 Oct '79

AIR WAR COLLEGE

226 receive diplomas at Air War College. AF Times 39:48 Jun 18 '79

AIR WARFARE

How to fight helicopters. Col M. Belov. illus Soviet Mil Rev No. 9:18-19 Sep '79

JAAT (Joint Aerial Attack Tactics). SSgt Bob Hubbert. illus USA Avn Dig 25:61-64 Oct '79

Study and Teaching

Red Flag in perspective. Maj Gerald R. Volloy. illus USAF Ftr Wpns Rev, pp 2-5, Spring '79

Sharpening the fighting edge. (Allied Air Forces, Central Europe's Tactical Leadership Program (TLP)) LtCol David Jaquish. illus USAF Ftr Wpns Rev, pp 1-3+, Winter '78

AIR WEATHER SERVICE

Air Weather Service. illus Navigator 26:9-10 Summer '79

AIRBORNE ALERT see Alert SystemsAIRBORNE EARLY WARNING

UK AEW--Nimrod system looks like being first in Europe. Dan Boyle. illus Intl Def Rev 12, No. 3: 372-376 '79

AIRBORNE FORCESSee also

Paratroops

Air landing forces. Col M. Belov. Soviet Mil Rev No. 1:22-23 Jan '79

Where Pegasus might fly. Adrian Hill. illus RUSI J for Def Studies 124:45-52 Jun '79

Russia

The Soviet transport Air Force--aircraft and capabilities. Peter Borgart. illus tabs Intl Def Rev 12, No. 6:945-950 '79

United States

The 82d Airborne Division. illus tabs Infantry 69: 15-21 Mar-Apr '79

AIRBORNE OPERATIONSSee also subdivision under specific wars, e.g.,

Vietnamese Conflict, 1957-1975--Airborne Operations

The airborne antiarmor defense. Maj Theodore T. Sendak. illus Mil Rev 59:43-51 Sep '79

Kolwezi, May 1979: An airborne assault. LtCol Jacques Hatte. illus maps Infantry 69:24-29 Nov-Dec '79

AIRBORNE OPERATIONS - ContinuedHistory

Where Pegasus might fly. Adrian Hill. illus RUSI J for Def Studies 124:45-52 Jun '79

AIRBORNE WARNING AND CONTROL SYSTEM

AWACS in operation. Bonner Day. illus AF Mag 62: 52-56 Jun '79

E-3A (AWACS): An untapped maritime support resource. LCDR Frederick J. Glaeser. illus US Nav Inst Proc 105:108-111 Aug '79

FRG AWACS buy tied to U.S. 120mm gun deal. Armed Forces J Intl 116:15 Jan '79

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 62:106 Mar '79

Sentry no 'sitting duck'--commander of AWACS. Interview. MajGen John L. Piotrowski. illus AF Times 39:12 Apr 23 '79

UK AEW--Nimrod system looks like being first in Europe. Dan Boyle. illus Intl Def Rev 12, No. 3: 372-376 '79

Weapon system series: AWACS--portrait of a sentry. Yves Robins and Gen Siegfried Boy. illus (Also cutaway) NATO's Fifteen Nations 24:89-90+ Jun-Jul '79

AIRBUS see Airplanes, Transport (Jet)

AIRCRAFT see specific kinds of aircraft, e.g.,

Airplanes	Helicopters, Military
Airplanes, Military	Missiles
Helicopters	Rockets

AIRCRAFT, EXPERIMENTALSee also

Air Cushion Vehicles

The armchair aviator. Regular feature in issues of Air Force Times beginning with September 24, 1979

United States

The Barling Bomber. Earl H. Tilford, Jr. illus Aerosp Hist 26:91-97 Jun '79; Condensation. AF Mag 61:68-70 Feb '78

Brown directs USAF to cancel AMST, start new CX with FY 1987 IOC. Benjamin F. Schemmer. Armed Forces J Intl 117:12 Dec '79

CX decision gives Lockheed C-5 derivative big competitive edge. illus Armed Forces J Intl 117:13 Dec '79

D-21, one of many oddities at D-M (Davis-Monthan AFB, AZ). Jay Miller. illus AF Times 40:50 Dec 17 '79

Technology and future transport aircraft--the C-XX. J. J. Cornish III. illus tabs Def Trans J 35:23-24+ Dec '79

History

"Grandpappy"--the XB-15. Georges G. Bouche. illus tab Aerosp Hist 26:171-181 Sep '79

The North American XB-28. Jim Tuttle. illus Am Avn Hist Soc J 24:82-89 Summer '79

AIRCRAFT, EXPERIMENTAL - ContinuedUnited States- Cont'dHistory - Cont'd

Stiletto: Exotic, sleek, but underpowered. (X-3 re-search airplane) Jay Miller. illus AF Times 40:30 Dec 10 '79

Super secret X-16 'aimed' at Soviets. Jay Miller. illus AF Times 40:25 Dec 24 '79

X-2 least-known of research craft. Jay Miller. illus AF Times pt 1, 40:16 Dec 31 '79

AIRCRAFT, REMOTELY PILOTED see Remotely Piloted Vehicles

AIRCRAFT CARRIERS

The central issues of sea-based aviation. R. James Woolsey. illus US Nav Inst Proc 105:142-149 May '79

The fifth fleet: A permanent U.S. Indian Ocean force? L. Edgar Prina. illus Sea Power 22:26-29 Apr '79

Fighter crews: You fight the way you practice. LCDR Lynn Carter II. illus US Nav Inst Proc 105:65-69 Apr '79

The 1978 carrier controversy: Why not the Kennedy? Scott C. Truver. tabs illus Nav War Col Rev 32: 59-67 Feb '79

Power projection as a part of sea control. (Bevan G. Cass Award) CDR Bruce VanHeertum. illus maps MarCor Gaz 63:28-33 Sep '79

The Royal Navy's Invincible-class cruisers. R. B. Pengelley. illus Intl Def Rev 12, No. 8:1335-1340 '79

Seeing others as we see ourselves: Missions for the Kiev. Harlan B. Miller. Nav War Col Rev 32:105-108 Mar-Apr '79

Soviet doctrine on the role of the aircraft carrier. LCDR Floyd D. Kennedy, Jr. illus Nav War Col Rev 32:48-58 Feb '79

Through-deck cruiser: The new capital ship. Michael A. Cairl. illus US Nav Inst Proc 104:34-42 Dec '78

Characteristics

Weapon system series: Sea control-helicopter carrier Garibaldi. Enrico Po. illus tab NATO's Fifteen Nations 24:58-60+ Aug-Sep '79

AIRCRAFT CARRIERS, NUCLEAR POWERED

The carrier controversy: Round two. L. Edgar Prina. illus Sea Power 22:33-35 Feb '79

The ultracARRIER. Donald M. Fort. tabs illus US Nav Inst Proc 104:123-127 Dec '78

The United States needs another nuclear carrier--now. J. William Middendorf II and ADM Thomas H. Moorer, Ret. Sea Power 22:22-25 Apr '79

AIRCRAFT CONTROLLERS see Air Traffic Controllers

AIRCRAFT INDUSTRY AND TRADESee also

Aerospace Industry and Trade
Helicopter Industry and Trade
Missile Industry and Trade

AIRCRAFT INDUSTRY AND TRADE - Continued

Aerospace world. Regular feature in issues of Air Force Magazine

Le Bourget (33th Salon de l'Aeronautique du Bourget): Europe emerging. Yves Robins. illus Aerosp Intl 15:4-6+ Jun-Jul '79

Business jets and commuter aircraft--two developing markets. illus Interavia 34:741 Aug '79

Commuter aircraft--developing market brings host of new projects. Marc Grangier. illus tab Interavia 34:742-745 Aug '79

Industrial periscope: A business, technological & scientific news bulletin. Regular feature in some issues of NATO's Fifteen Nations

Jane's aerospace review, 1978/79. John W.R. Taylor. illus AF Mag 62:26-33 Jan '79

New products and technology. Regular feature in some issues of Interavia

Offshore patrol. illus tab Intl Def Rev pt 1, Aircraft. 12, No.5:787-794+ '79; pt 2, Surface craft. 12, No.8:1341-1350 '79

(Paris Air Show) '79: One of the best--and bigger than ever. illus Interavia 34:627-634 Jul '79

The quiet revolution in airframe construction. Chris Bulloch. illus tab Interavia 34:207-211 Mar '79

The 'Tokyo Round' aircraft agreement: U.S. sponsors overhaul of tariffs and trade practices. Chris Bulloch. illus Interavia 34:655-656 Jul '79

The world commercial transport market to 1993. J.Philip Geddes. illus tabs Interavia 34:430-434 May '79

The world of aerospace. Regular feature in issues of Interavia

Economic Aspects

Company reports review. Regular feature in some issues of Interavia beginning with August 1978

International Aspects

Aeritalia. illus NATO's Fifteen Nations 23:119 Dec '78-Jan '79

BAe slots into Airbus Industrie. illus Interavia 34: 653-654 Jul '79

The Belgian aerospace industry today. Germain Chambost. illus Interavia 34:1129-1133 Dec '79

Coproduction: The U.S. F-5E in Taiwan and Switzerland. Capt R.Kenneth Bowers. Def Sys Mgt Rev 2:34-45 Spring '79

A European tactical fighter--the RAF dilemma. Air Commodore P.B.Hine. illus tabs Intl Def Rev 12, No.5:757-764 '79

F-16 co-production--an American point of view. J.Philip Geddes. illus Interavia 34:1090-1092 Nov '79

F-16: Spearhead for a lot of procurement innovation? MajGen James A.Abrahamson. illus Govt Exec 11:20-21 Oct '79

AIRCRAFT INDUSTRY AND TRADE - ContinuedInternational Aspects - Cont'd

Future prospects for Fokker. (Interview with Francois Swarttouw). illus Interavia 34:641-645 Jul '79

Independence and integration--French armaments policy. Frederick Bonnart. illus NATO's Fifteen Nations 24:43-44+ Apr-May '79

Iskra II: Another competitor on the jet trainer market. Georg Panyalev. tabs illus (Also cutaway) Intl Def Rev 12, No.2:159-160 '79

The Jaguar/Harrier replacement aircraft: The case for a two-seater. WgComdr A.R.Tolcher. illus Hawk No.39:45-51 Winter '78-'79

Mid-point in the Tornado program--the development phase draws to a close. Klaus Regelin. illus tabs maps Interavia 34:136-141 Feb '79

Multi-national production (of the Tornado) gets under way. illus Interavia 34:141-143 Feb '79

Belgium

The Belgian aerospace industry today. Germain Chambost. illus Interavia 34:1129-1133 Dec '79

Canada

The need for defense oriented science & technology policies in smaller NATO countries: The Canadian Avro Arrow as a case study. Daniel R.Perley. illus tabs Def & For Aff Dig pt 1, 7, No.4:4-7+; pt 2, 7, No.5:17-22+ '79

Europe, Western

Future prospects for Fokker. (Interview with Francois Swarttouw). illus Interavia 34:641-645 Jul '79

Western European aircraft procurement--caught between the Soviet threat and competition from America. LtCol Norbert Hannig, Ret. illus Intl Def Rev 12, No.4:557-561 '79

France

The Falcon 50 enters service. Marc Grangier. illus Interavia 34:660 Jul '79

The Mirage 2000--an essential component of the French Air Force. Germain Chambost. illus tab Intl Def Rev 12, No.7:1136-1141 '79

Great Britain

BAe slots into Airbus Industrie. illus Interavia 34: 653-654 Jul '79

British Aerospace 146 marketing progress. Derek Wood. illus (Also cutaway) Interavia 34:776-777 Aug '79

India

Hindustan Aeronautics Limited; India's versatile aircraft manufacturer. H.P.Mama. illus Interavia 34: 76-78 Jan '79

Ireland, Northern

Shorts 330 looks ahead: A unique 30 seat commuter aircraft. Derek Wood. illus tabs Interavia 34:978-979 Oct '79

AIRCRAFT INDUSTRY AND TRADE - ContinuedIsrael

Defense production in the Middle East: The new era. illus Def & For Aff Dig 7, No.6:40-41+ '79

IAI (Israeli Aircraft Industries) goal: \$100-million in sales to DOD next year, ease technology transfer. Benjamin F. Schemmer. illus Armed Forces J Intl 116:12+ Aug '79

Israel's quest for military independence. Bonner H. Day. illus NATO's Fifteen Nations 23:52-56 Dec '78-Jan '79

Italy

Italy's new jet trainer. (Interview with Mario Barozzi) Ezio Bonsignore. illus Def & For Aff Dig 7, No.6:34+ '79

Mountain flying: The heady MB-339. Gregory Copley. illus Def & For Aff Dig 7, No.1:4-8 '79

Poland

A new lease of life for Poland's industry. illus tab Interavia 34:443-446 May '79

United States

Boeing charts a course through the 1980s. J. Philip Geddes. illus tabs Interavia 34:646-650 Jul '79

F/A-18 test program surging ahead. F. Clifton Berry, Jr. illus Armed Forces J Intl 116:24 Apr '79

GA (General Aviation) avionics prospers with new technology. J. Philip Geddes. illus Interavia 34:125-127 Feb '79

General aviation prepares for the 1980s. Marc Grangier. illus Interavia 34:121-124 Feb '79

Grumman Aerospace--fifty years of aerospace technology. Marc Grangier. illus Interavia 34:1156-1158 Dec '79

Lockheed-Georgia's projects for the 1980s. Marc Grangier. illus Interavia 34:1153-1155 Dec '79

Safety in general aviation: The San Diego accident points to problem areas. Marc Grangier. illus tabs Interavia 34:128-130 Feb '79

Swearingen sales boom continues. Douglas Chopping. illus Interavia 34:578-579 Jun '79

T-34C: Spearhead of Beech defence activities. Marc Grangier. illus Interavia 34:44-46 Jan '79

History

History of Building D. Ted Ryon. illus Aerosp Hist 26:25-29 Mar '79

Wing roots. MSgt William E. Collins. illus MAC Flyer 26:12-15 Jun '79

AIRCRAFT MAINTENANCESee also

Missile Maintenance

also subdivision Maintenance and Repair under specific subjects

Aircraft safety. Gen Bryce Poe II. TIG Brief 31:2 May 4 '79

AIRCRAFT MAINTENANCE - Continued

Aircraft Structural Integrity Program. 1stLt Richard E. Tullos. illus MAC Flyer 26:18-20 Aug '79

Busy, busy, busy. TSgt Ellis Mann. illus TAC Attack 19:10-11 Aug '79

C/KC-135 interchangeability problems, overhauled spares. TIG Brief 31:7 Jul 2 '79

Chock talk--incidents and incidentals with a maintenance slant. Regular feature in issues of TAC Attack

Guidance and supervision. LtCol V. Gorlov. illus Soviet Mil Rev No.8:24-25 Aug '79

How safe is the F100 engine? Maj William C. Morrison. illus Aerosp Safety 35:7-9 Aug '79

Improper maintenance of plastic windscreens. TIG Brief 31:10 Sep 7 '79

Jet Aviation: A total service for business aviation. Marc Grangier. illus Interavia 34:321-323 Apr '79

Maintenance-error mishaps increasing. illus USA Avn Dig 25:36-38 Nov '79

Maintenance test pilot standardization. CW4 Joseph A. DeCurtis. USA Avn Dig 25:10-12 Dec '79

Manning USAF aircraft maintenance using a simulation model. LtCol Gerald G. Thompson, Ret and Capt Richard E. Ducharme, Ret. illus tab Log Spectrum 13:11-18 Summer '79

POMO (Production Oriented Maintenance Organization) and POST (Production Oriented Scheduling Techniques): Keystones of TAC readiness. David A. Anderton. illus AF Mag 62:46-50 Jan '79

Preflighting is only the beginning. Maj Lyle Samuels. illus TAC Attack 19:10-12 Jun '79

Production-Oriented Maintenance Organization (POMO) SKT analysis. TIG Brief 31:8 May 18 '79

Programed depot maintenance. TIG Brief 31:10 Aug 17 '79

Project Depot Round Out: DARCOM aviation maintenance to be augmented by Army National Guard upon mobilization. Col Rudolph D. Descoteau. illus Army Log 11:2-5 May-Jun '79

Safety TCTO compliance by maintenance personnel. TIG Brief 31:13 Apr 6 '79

So ya' gonna work on aircraft. SSgt Manuel H. Cruz III. illus TAC Attack 19:4-7 Jul '79

(86th Tactical Fighter) Wing maintenance crash recovery shops handle emergencies. SrAmn David Howe. illus AF Times 40:32 Nov 26 '79

Trouble with maintenance. tab illus USA Avn Dig 25:8-11 Mar '79

Turning 'em around and around. (Transient alert crews at Ramstein AB, Ger, service the various planes from NATO countries) SMSgt Dave Sheeder. illus Airman 23:21-28 Sep '79

Study and Teaching

Prescription for the post-delivery blahs (with apologies to all flight surgeons). Fred Guardia and Ed Barham. illus TAC Attack 19:20-22 Sep '79

AIRCRAFT MECHANICS see Ground CrewsAIRDROP

Christmas drop. (USAF aircrews drop presents and supplies from the people of Guam to the islanders of Micronesia) Capt Katie Cutler. illus Airman 23: 27-29 Dec '79

Instrument airdrop capability. Maj Jay A. Weiss. illus Navigator 26:24-25 Winter '79

Wyoming hayride. Capt John T. Edwards. illus Air Reservist 31:14-15 Apr '79

AIRLIFTSee also

Berlin Airlift
Mercy Missions

AF can't, on its own, carry relief supplies. Don Mace. AF Times 40:4 Dec 24 '79

Air Reserves "rotate in" (and out of Howard AFB, CZ). illus Translog 10:6-8 Jan '79

Airlift to Guyana. LtCol Tom Beal. illus map Natl Guard 33:4-7+ Jan '79

Airlifters of the future. Capt James P. Coe. illus MAC Flyer 26:22-24 Nov '79

A bigger bag of tricks. Capts John G. Shriever and Edward J. Wiesner, Jr. illus MAC Flyer 26:14-15 Jul '79

The future of United States airlift. John Shea. illus tabs Def Trans J 35:6-8+ Apr '79

Guyana. Andrew McCarthy and others. illus Air Reservist 31:6-9 Dec '78-Jan '79

Guyana airlift a massive team effort. Armed Forces J Intl 116:42 Jan '79

Hurricane Commancheros. Capt Charles B. Cook. illus USA Avn Dig 25:24-27 Dec '79

The key is ALCE (AirLift Control Element). SMSgt Dick Larsen. illus Airman 23:38-40 Feb '79

MAC is meeting global challenges today with success. What about tomorrow? Gen William G. Moore, Jr. illus Command 2:2-5+ Feb '79

The major priorities. (Presentation, Air War College, Air University, Maxwell AFB, AL, May 22, 1979) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup No. 7:11-13 Jul '79

The Military Airlift Command: Air reinforcement for NATO. Gen Robert E. Huyser. illus charts NATO's Fifteen Nations 24:29-31+ Aug-Sep '79

Nuclear airlift missions: Who's in charge? TIG Brief 31:19 May 18 '79

Offshore helicopters: Energy suppliers for the world. illus tab Aerosp Intl 15:18-19+ Feb-Mar '79

The old, the new ... and the memories: Army Guard chopper takes an "old bird" for her last flight in the wild blue yonder. (Airlift by helicopter of a B-24D to Eighth Air Force Museum, Barksdale AFB, LA) illus Natl Guard pt 1, 33:12-15 May '79

The reinforcement of Europe. Gen Peter Whiteley. illus NATO's Fifteen Nations 24:20-24+ Aug-Sep '79

AIRLIFT - Continued

Road to Riyadh. Maj Gordon L. Cook. illus MAC Flyer 26:8-12 Sep '79

The Soviet-Ethiopian liaison--airlift and beyond. Capt Gary D. Payton. illus AU Rev 31:66-73 Nov-Dec '79

Stretching the Starlifter. Capt Michael P. Black. illus MAC Flyer 26:4-7 Feb '79

Tails of the South Pacific. TSgt Jay A. Parry and others. illus Air Reservist 31:16-18 Jun '79

AIRLIFT UNITS

North to Alaska. Capt E. Gifford Stack. illus Air Reservist 31:8 May '79

AIRLINESSee also

Aviation, Commercial

The aircraft procurement decision--lease or buy? illus Aerosp Intl 15:14+ Apr-May '79

Directories

Interavia's review of world airlines--the top performers. Tables only. Interavia 34:1041-1043+ Nov '79

Fares

Say hello to 'open skies.' Translog 10: inside front cover Nov '79

Nonscheduled Operations

Charter flights end after month. AF Times 39:12 Jul 2 '79

Passenger Service

MAC service reduces costs (on) DC-Europe flights. AF Times 39:12 Jun 18 '79

Space-A: Still business as usual. Len Famiglietti. AF Times 40:3 Dec 10 '79

Vote offers hope for space-A \$\$\$. Len Famiglietti. AF Times 40:3 Nov 26 '79

Asia, Southeastern

The rise of air transport in Southeast Asia. map illus tab Interavia 34:155-160 Feb '79

Australia

Ansett Airlines concern for the future. Henry Krug. illus tab map Interavia 34:263-265 Mar '79

Canada

CP Air takes on Air Canada. May Willmot. illus Interavia 34:949-950 Oct '79

Europe, Western

European air transport in a holding pattern. Peter Tallon. illus tabs Interavia 34:1030-1032 Nov '79

European regional carriers begin to make their mark. Peter Tallon. illus Interavia 34:247-248 Mar '79

Directories

European regional carriers. tabs Interavia 34:249-251 Mar '79

AIRLINES - ContinuedFrance

France seeks streamlining of airline pilot recruitment and training methods. Germain Chambost. illus Interavia 34:945-946 Oct '79

Germany (Federal Republic)

Lufthansa--more pilots, more simulators. Klaus Hohle. illus Interavia 34:847-848 Sep '79

Indonesia

Garuda--airline to paradise. H.P. Mama. illus tab Interavia 34:156-158 Feb '79

Japan

JAL grows despite obstacles. J. Philip Geddes. tab illus Interavia 34:597-599 Jun '79

Lebanon

Middle East Airlines survives and prospers. Derek Wood. illus tabs Interavia 34:951-952 Oct '79

Malaysia

Malaysian Airlines grows quickly to maturity despite odds. Henry Krug. illus tab Interavia 34:159-160 Feb '79

Mexico

Airline close-up: Mexicana. illus tab Aerosp Intl 15: 48 Jun-Jul '79

Netherlands

Training the KLM way. Klaus Hohle. illus Interavia 34:947-948 Oct '79

Russia

See Aeroflot

Saudi Arabia

Saudia (Saudi Arabian Airlines): The conservative approach to growth pays dividends. Peter Tallon. illus tabs Interavia 34:773-775 Aug '79

Spain

Airline close-up: Iberia. Yves Robins. tabs illus Aerosp Intl 15:70-71 Apr-May '79

Switzerland

Swissair--48 new pilots every year. Klaus Hohle. illus Interavia 34:845-847 Sep '79

United States

Airline hiring patterns: Recessions slow pace. Bruce Callander. tab AF Times 40:4 Oct 15 '79

Airlines cut back on pilot hiring. M.L. Craver. AF Times 40:1+ Sep 24 '79

Allegheny Airlines seeks growth through deregulation. Ramon Lopez. illus tab Interavia 34:307-310 Apr '79

Bill would up airline retirement age. AF Times 40:6 Nov 12 '79

Deregulation of the U.S. air transport industry. John F. Brindley. illus Interavia pt 1, Cheered by some, condemned by others. 34:303-306 Apr '79; pt 2, International reactions to deregulation. 34:427-429 May '79

AIRLINES - ContinuedUnited States - Cont'dHistory

The aircraft history of Delta Air Lines, 1929-1979. Paul T. Talbott, Jr. illus tab Am Avn Hist Soc J 24:226-234 Fall '79

Baggage labels mirror airline history. W. Donald Thomas. illus Am Avn Hist Soc J 24:68-72 Spring '79

AIRLINES, LOCAL SERVICE

Allegheny Airlines seeks growth through deregulation. Ramon Lopez. illus tab Interavia 34:307-310 Apr '79

U.S. commuter operations climate changing. Lou Davis. illus tab Interavia 34:252-254 Mar '79

AIRMAN COMMISSIONING PROGRAM see Airman Education and Commissioning Program

AIRMAN EDUCATION AND COMMISSIONING PROGRAM

More AECF students sought, skills limited. Len Famiglietti. AF Times 39:8 May 7 '79

Most AFCEP picks are 29 or younger. AF Times 39:4 May 28 '79

Recommending enlisted members for a commission. TIG Brief 31:13-14 Jun 15 '79

AIRMAN PERFORMANCE REPORTS

AFOSI investigation of APR/OER forgeries. TIG Brief 31:6 Feb 9 '79

Supervision: Telling it like it is. TIG Brief 31:5 May 18 '79

AIRMEN

Airmen of the Year. illus AF Times 39:10 Jun 11 '79

'Diversified' reasons on EM exits clarified. AF Times 39:8 Jan 8 '79

The dynamic dozen. (Air Force's Outstanding Airmen for 1978) Maj Terry A. Arnold. illus Airman 23: 30-36 Jan '79

EM o'seas returnees--filling the vacancies: A matter of priority. Bruce Callander. AF Times 39:7 Jun 4 '79

Early promotions for short-skilled. Len Famiglietti. AF Times 40:1+ Aug 13 '79

First-term reenlistment: Rate up, numbers down. tab AF Times 39:10 Jan 29 '79

Getting to know you. (A special airman program links George AFB with the community) Capt Dick Sheffield. illus Airman 23:9-12 May '79

Guides 'foretell' EM careers. Bruce Callander. illus AF Times 39:7 Apr 23 '79

The hometown. (AF's Recruiter Helper Program sends young airmen back home) Capt Dick Sheffield. illus Airman 23:12-16 Oct '79

Low-income members due \$\$\$. Don Mace. AF Times 39:3 Jul 23 '79

Many more EM to get BTZ break. Bruce Callander. AF Times 39:1+ Jul 9 '79

AIRMEN - Continued

More due BTZ E-4 hikes: A year early for some; quotas will be boosted. AF Times 39:3 Jun 11 '79

OTS seeks more airmen. Len Famiglietti. tab AF Times 39:1+ Jul 9 '79

Our airmen never forget. (CMSAF Gaylor visits Red Flag to acknowledge enlisted contributions) CMSAF Robert D. Gaylor. illus Airman 23:39 Apr '79

Our outstanding airmen. (Presentation, Outstanding Airmen Dinner, Air Force Assoc National Convention, Washington, Sep 17, 1979) Gen James A. Hill. AF Plcy Ltr for Comdrs: Sup No. 11:15-19 Nov '79

SRB reenlistees in April due money in lump sum. Bruce Callander. AF Times 39:1+ Mar 19 '79

Some EM face longer service. Bruce Callander. AF Times 40:1+ Dec 24 '79

Survey finds pay biggest gripe. M.L. Craver. AF Times 40:1+ Dec 10 '79

3 approaches to EM hikes. illus AF Times 39:10 May 7 '79

A tribute to the outstanding twelve. (Outstanding Airmen for 1979) William P. Schlitz. illus AF Mag 62: 70-72 Nov '79

AIRMEN'S CLUBS see Servicemen's Clubs

AIRPLANE TYPE

Only U.S. military airplanes are entered under type. For airplanes of other countries see entries under specific categories, e.g., Airplanes, Military--Great Britain.

A-4

Marine Corps accepts delivery of last A-4 Skyhawk. illus MarCor Gaz 63:8 May '79

A-7Study and Teaching

Big 'D' school. SMSgt Gerald H. Smith. illus Air Reservist 31:12-13 May '79

A-10

A-10 canopy-off tests. Wendell H. Shawler. illus TAC Attack 19:10-12 Oct '79

A-10 close support operations in Europe. BrigGen Rudolph F. Wacker. illus AF Mag 62:73-77 Aug '79

A-10, F-15 boost NATO strength. Interview. Gen John W. Pauly. illus AF Times 39:10 Mar 19 '79

The A-10 in Central Europe--a concept of deployment-employment. Col Robert D. Rasmussen. map illus tabs AU Rev 30:26-44 Nov-Dec '78

The A-10's join the Air Guard fleet! Allan R. Scholin. illus Natl Guard 33:18-21+ Sep '79

An advanced attack airplane design. Col John M. Verdi, Ret. illus US Nav Inst Proc 104:130-135 Dec '78

Can the A-10 Thunderbolt II survive in Europe? Charles Gilson. illus tabs Intl Def Rev 12, No. 2: 184-189 '79

AIRPLANE TYPE - ContinuedA-10 - Cont'd

Cope Elite (Army-Air Force exercise in Hawaii). MSgt Tom Jacobus. illus Airman 23:21-28 Mar '79

GEPOD 30--a new 30-mm gun pod from General Electric. illus (Also cutaway) tab Intl Def Rev 12, No. 4:640 '79

The 81st Tactical Fighter Wing. F. Clifton Berry, Jr. illus map Armed Forces J Intl 116:18-19 Jun '79

A-18

They're putting a gun system on the F/A-18 that won't do the job. Maj Robert Hickson. illus tabs MarCor Gaz 63:37-43 Aug '79

AV-8

An advanced attack airplane design. Col John M. Verdi, Ret. illus US Nav Inst Proc 104:130-135 Dec '78

Kestrels in the U.S. given many tests. Jay Miller. illus AF Times 40:44 Nov 5 '79

President's FY-80 defense budget excludes funds for Corps' AV-8B. MarCor Gaz 63:2 Mar '79

Sen Hart says Corps needs AV-8B. MarCor Gaz 63:2 May '79

World's most advanced V/STOL (AV-8B). illus MarCor Gaz 63:4 Jan '79

B-1

A post B-1 look at the manned strategic bomber. LtCol John J. Kohout III. illus AU Rev 30:27-51 Jul-Aug '79

Prospects for the manned bomber--high noon or sunset? LtCol Edd D. Wheeler. illus AU Rev 30:2-15 Jan-Feb '79

USAF asks Brown for B-1 derivative as air launched cruise missile carrier. Benjamin F. Schemmer. illus Armed Forces J Intl 117:15+ Nov '79

B-17

The Flying Fortress and the Liberator. LtGen Ira C. Eaker, Ret. illus Aerosp Hist 26:66-68 Jun '79

History

The saga of Shoo Shoo Baby. illus AF Mag 62:26 Apr '79

Seventeen bits and pieces: Boeing's B-17 Fs and Gs assigned to the 8th U.S. Army Air Force, August 1942-May 1945. Paul M. Andrews. illus tabs Am Avn Hist Soc J pt 1, 1st Air Division. 24:202-213 Fall '79

B-24

The Flying Fortress and the Liberator. LtGen Ira C. Eaker, Ret. illus Aerosp Hist 26:66-68 Jun '79

Liberator: War's workhorse. Bruce Callander. AF Times 40:18+ Dec 3 '79

The old, the new ... and the memories: Army Guard chopper takes an "old bird" for her last flight in the wild blue yonder. (Airlift by helicopter of a B-24D to Eighth Air Force Museum, Barksdale AFB, LA) illus Natl Guard pt 1, 33:12-15 May '79

AIRPLANE TYPE - ContinuedB-26

Mediterranean Marauder markings. Victor C. Tannehill. illus Am Avn Hist Soc J 24:55-67 Spring '79

B-36History

The red-tailed beauties of the 7th Bomb Wing. Meyers K. Jacobsen. illus Am Avn Hist Soc J 24:19-40 Spring '79

B-52

The B-52: Growing more vital with age. Bonner Day. illus AF Mag 62:32-37 Feb '79

B-52 role facing change--cruise missile test results. Coleman Rogers. illus Mil Elect/Countermeasures 5:96-97+ Feb '79

Birdstrike on B-52 and KC-135. Walt House. illus tabs Combat Crew 29:8-9+ Jul '79

Egress update--B-52. Fred Buck. illus Combat Crew 29:12-14 Jan '79

The "friendly enemy." (17th Defense Systems Evaluation Sq) 1stLt Duane W. Deal. illus Interceptor 21:10-15 Feb '79

Giant Thrust II--an aircraft commander's view. Capt John Lawton. illus Combat Crew 29:8-9+ Jan '79

Guam--twelve o'clock, 200 miles. (SAC diversified training mission) Maj Douglas B. Aitken. illus Combat Crew 29:10-13+ Nov '79

New missions, new updates for B-52. Robert M. Kochis. illus tabs Elect Warfare/Def Elect 11:44-46+ Apr '79

A post B-1 look at the manned strategic bomber. LtCol John J. Kohout III. illus AU Rev 30:27-51 Jul-Aug '79

Prospects for the manned bomber--high noon or sunset? LtCol Edd D. Wheeler. illus AU Rev 30:2-15 Jan-Feb '79

USAF asks Brown for B-1 derivative as air launched cruise missile carrier. Benjamin F. Schemmer. illus Armed Forces J Intl 117:15+ Nov '79

With a Giant Thrust. SSgt Fred Spriggs. illus Airman 23:11-15 Jan '79

Maintenance and Repair

Giant Thrust II--the maintenance view. LtCol Thomas A. Bainbridge. illus Combat Crew 29:11+ Jan '79

C-5

C-5, 141 crew ratios can be cut--GAO. AF Times 40:4 Oct 15 '79

CX decision gives Lockheed C-5 derivative big competitive edge. illus Armed Forces J Intl 117:13 Dec '79

MAC and me and the C-5 makes three. Maj David M. H. Sibbald. illus MAC Flyer 26:9-12 Mar '79

A real wing-ding. illus MAC Flyer 26:11-13 May '79

Road to Riyadh. Maj Gordon L. Cook. illus MAC Flyer 26:8-12 Sep '79

AIRPLANE TYPE - ContinuedC-7

Single-engine safe crossing. Maj Ronald K. Peacock. illus MAC Flyer 26:14-15 Apr '79

C-9

Obscured decision. illus MAC Flyer 26:10-11 Jun '79

C-130

Air Reserves "rotate in" (and out of Howard AFB, CZ). illus Translog 10:6-8 Jan '79

The C-130. Maj Robert Lee Clark. illus Aerosp Hist 26:233-237 Dec '79

C-130s attend silver reunion--14 countries send Hercules to Greenham Common (Eng) for show (International Air Tattoo for the RAF Benevolent Fund). illus AF Times 39:16 Jul 16 '79

Factory fresh. SSgt Leslie Olson. illus Air Reservist 31:8-9 Aug-Sep '79

Getting down and dirty. (C-130 pilots learn to land and take-off on a dirt runway at Dyess AFB, TX) MSgt David B. Drachlis. illus Airman 23:18-20 Nov '79

Here come the 'H' models. illus Natl Guard 33:18-20 Aug '79

History

Silver Anniversary for the Hercules. illus MAC Flyer 26:4-5 Aug '79

C-133

Mactan mixup. Maj James G. Gibson II. illus MAC Flyer 26:6-7 May '79

C-135

C/KC-135 interchangeability problems, overhauled spares. TIG Brief 31:7 Jul 2 '79

C-141

C-5, 141 crew ratios can be cut--GAO. AF Times 40:4 Oct 15 '79

Stretching the Starlifter. Capt Michael P. Black. illus MAC Flyer 26:4-7 Feb '79

24 C-141s 'stretching'. illus AF Times 40:48 Dec 17 '79

Cargo Master

See C-133

Caribou

See C-7

Corsair II

See A-7

Delta Dagger

See F-102

Delta Dart

See F-106

AIRPLANE TYPE - ContinuedE-3

AWACS in operation. Bonner Day. illus AF Mag 62: 52-56 Jun '79

(Air Force E-3A airborne warning and control system) Signal 33:78 Mar '79

E-3A (AWACS): An untapped maritime support resource. LCDR Frederick J. Glaeser. illus US Nav Inst Proc 105:108-111 Aug '79

E-3A aircrew saves T-33 aircraft in Iceland. 2dLt Ross Lampert. illus TAC Attack 19:16-17 Oct '79

Sentry no 'sitting duck'--commander of AWACS. Interview. MajGen John L. Piotrowski. illus AF Times 39:12 Apr 23 '79

You've come a long way, nav! Capt Drew Riolo. illus Interceptor 21:18-19 Aug '79; Aerosp Safety 35:2-5 Sep '79

EA-6

The EA-6B weapon systems trainer. Murry Shohat. illus Mil Elect/Countermeasures 5:50+ Apr '79

Study and Teaching

A simulated approach to EA-6B EW aircraft training. LT Robert G. Watkins, Jr. illus US Nav Inst Proc 105:117-118 Apr '79

Eagle

See F-15; TF-15

F-4

A cosmic computer for the Phantom. Capt Raymond L. Henley. illus Navigator 26:10-11 Winter '79

F/4 AIM 7 boresight shots. Maj Guy S. Gardner. illus tab USAF Ftr Wpns Rev, pp 20-24, Fall '79

F-4G Advanced Wild Weasel. Charles R. Hart and John J. Harty. illus Navigator 26:16-18 Summer '79

F/RF-4 pitot static system maintenance. TIG Brief 31:13 Mar 23 '79

Last of the late rotaters. Pete Pilcher. illus Aerosp Safety 35:6-8 Apr '79

On a sacred mission. (Wild Weasels are a legend in air warfare) Capt Dick Sheffield. illus Airman 23: 21-28 Jul '79

Retrofits keep Navy F-4Js combat ready. illus Elect Warfare/Def Elect 11:62-64+ Apr '79

Things that go bump in the flight ... or where do all those compressor stalls come from anyway? Capt Pete Abler. illus TAC Attack 19:18-19 Mar '79

Unusual attitude vs out of control. Maj Tom Tilden. illus TAC Attack 19:20-22 Oct '79

History

The Douglas Navy F4D Ford. Jerry O'Rourke. illus (Also cutaway) Am Avn Hist Soc J 24:125-131 Summer '79

F-5

Coproduction: The U.S. F-5E in Taiwan and Switzerland. Capt R. Kenneth Bowers. Def Sys Mgt Rev 2:34-45 Spring '79

AIRPLANE TYPE - ContinuedF-15

A-10, F-15 boost NATO strength. Interview. Gen John W. Pauly. illus AF Times 39:10 Mar 19 '79

BFM and the Eagle Jet. Maj Russell A. Everts. illus USAF Ftr Wpns Rev, pp 15-17, Winter '78

Eagles at angels: Flying the McDonnell Douglas/ USAF F-15 Eagle. David Harvey. illus Def & For Aff Dig 7, No. 5:12-15+ '79

Eagles in Arabia. (Special mission deploys 12 F-15s from Langley AFB, VA, to Saudia Arabia) Maj Robert W. Nicholson, Jr. illus Airman 23:2-6 Jul '79

Last of the late rotaters. Pete Pilcher. illus Aerosp Safety 35:6-8 Apr '79

Optimizing the low altitude dive recovery maneuver. Clarence Mongold. illus tabs Aerosp Safety 35: 4-6 Oct '79

Ready on the border. (USAF's 36th Tactical Fighter Wg at Bitburg AB, Ger, flies F-15s) SMSgt Dave Sheeder. illus Airman 23:41-48 Aug '79

Weapons officer: Air to air. Capt Bill Hamilton. illus USAF Ftr Wpns Rev, pp 2-12, Fall '79

F-16

The Belgian aerospace industry today. Germain Chambost. illus Interavia 34:1129-1133 Dec '79

F-16 co-production--an American point of view. J. Philip Geddes. illus Interavia 34:1090-1092 Nov '79

The F-16 emergency power unit. Capts Roy A. Hodges and James F. Dugan. illus TAC Attack 19:4-7 Feb '79

The F-16 goes operational. Bonner Day. illus AF Mag 62:34-37 Jan '79

F-16: Spearhead for a lot of procurement innovation? MajGen James A. Abrahamson. illus Govt Exec 11:20-21 Oct '79

F-16: The multi-national, multi-role aircraft. Dan Boyle. tabs illus (Also cutaways) Interavia 34:39-43 Jan '79

GAO notes new NATO effort on F-16. AF Times 39:28 Jul 23 '79

Hydrazine and the F-16. Maj Warren D. Tuttle. illus Aerosp Safety 35:8-10 Nov '79

Maple Leaf dogfight underway. Murry Shohat. illus tabs Mil Elect/Countermeasures 5:29+ Jan '79

Ready team for a fighter. (Hill AFB, UT, gets ready for the F-16) Capt Dick Sheffield. illus Airman 23: 43-48 Jun '79

Weapon system series: F-16. illus tabs NATO's Fifteen Nations 23:68-70+ Dec '78-Jan '79

What is N₂H₄? Capt Pete Abler. illus TAC Attack 19:18-19 Jan '79

Testing

F-16 European test and evaluation. illus tab Interavia 34:1177-1179 Dec '79

AIRPLANE TYPE - ContinuedF-18

Esoteric simulator pact to Hughes: The F-18 Weapons Tactics Trainer. illus Mil Elect/Countermeasures 5:80+ Nov '79

F-18: A special report. Murry Shohat and F. Clifton Berry, Jr. tabs illus Mil Elect/Countermeasures 5:29-30+ May '79

F-18A Hornet program progress report. Joseph C. Waldner. illus US Nav Inst Proc 105:111-114 Nov '79

F/A-18 test program surging ahead. F. Clifton Berry, Jr. illus Armed Forces J Intl 116:24 Apr '79

Is tomorrow's fighter/attack plane here now? Merle Macbain. illus Sea Power 22:24-26 Sep '79

Maple Leaf dogfight underway. Murry Shohat. illus tabs Mil Elect/Countermeasures 5:29+ Jan '79

Past performance and mission dictate that the Corps use a two-seat fighter. Maj K.P.O'Mara. illus MarCor Gaz 63:60-64 Aug '79

Reliability of system design and testing. CDR Douglas P. Dunbar, Jr. illus Def Mgt J 14:26-30 Nov '78

They're putting a gun system on the F/A-18 that won't do the job. Maj Robert Hickson. illus tabs MarCor Gaz 63:37-43 Aug '79

Two versions of the F-18 in hot competition. J. Philip Geddes. illus tabs Interavia 34:351-356 Apr '79

F-84

Flying the F-84F. Maj Douglas K. Evans, Ret. illus AF Mag 62:41-44 Apr '79

F-101

Some war story. Maj Wayne E. Griffith. illus Interceptor 21:5-9 Mar '79

F-102

What, the Deuce! (F-102s modified to fly as drones at Holloman AFB, NM) Capt Katie Cutler. illus Airman 23:21-26 May '79

F-105

On a sacred mission. (Wild Weasels are a legend in air warfare) Capt Dick Sheffield. illus Airman 23:21-28 Jul '79

F-106

The F-106: Twenty years. TSgt Marty J. Isham. illus Interceptor 21:12-15 May '79

F-111

\$\$ would aid SRAM skills. AF Times 39:36 Mar 5 '79

F-111 WSO (Weapon System Officer). Capts Robert L. Brotzman and George T. Huggins. illus USAF Ftr Wpns Rev, pp 30-33, Summer '79

FODing the F-111. Maj Eugene LaMothe. illus tab Aerosp Safety 35: inside front cover + Feb '79

FB-111

A post B-1 look at the manned strategic bomber. LtCol John J. Kohout III. illus AU Rev 30:27-51 Jul-Aug '79

AIRPLANE TYPE - ContinuedFreedom Fighter

See F-5

Galaxy

See C-5

Harrier

See AV-8

Hercules

See C-130; WC-130

Hornet

See F-18

Invader

See B-26

KC-10

New KC-10 Air Force tanker. William D. Siuru, Jr. illus Natl Def 63:32-33 Jan-Feb '79

Reservists to fly KC-10. illus Air Reservist 31:7 Aug-Sep '79

KC-135

Birdstrike on B-52 and KC-135. Walt House. illus tabs Combat Crew 29:8-9+ Jul '79

C/KC-135 interchangeability problems, overhauled spares. TIG Brief 31:7 Jul 2 '79

Casey in the land of the big snow. Capt Jim Evans. illus Combat Crew 29:4-7 Oct '79

Death of the dynamic duo. Capt Roger G. Raper. Combat Crew 29:12-13 May '79

The Reserve tanker navigator. Capt Richard A. Stewart. illus Navigator 26:22-24 Winter '79

Their hallmark: 'Success.' SMSgt Gerald H. Smith. illus Air Reservist 31:12-13+ Mar '79

Maintenance and Repair

KC-135 aircraft: MSG-2 and 'Quick Turn' contingency inspection. TIG Brief 31:13 Apr 6 '79

Mentor

See T-34

Nightingale

See C-9

Orion

See P-3

P-3

Naval Air Reserve P3 squadrons in danger due to phasing out of Loran A navigation. Officer 55:15 May '79

U.S. maritime patrol aircraft: A status report. VADM F.C. Turner. illus US Nav Inst Proc 105:106-111 Jan '79

Phantom II

See F-4; RF-4

AIRPLANE TYPE - ContinuedRC-135

Strategic air rescue. illus Combat Crew 29:20-21 Jun '79

RF-4

F/RF-4 pitot static system maintenance. TIG Brief 31:13 Mar 23 '79

Tac recce: A different breed of cat. LtCol John P. Kelly. illus AF Mag 62:60-62 Feb '79

Tactical reconnaissance at a turning point. F. Clifton Berry, Jr. illus Armed Forces J Intl 116:32-33+ Jul '79

Tactical reconnaissance for the 1980s: A close-up look at the TR-1 and QSR. LtGen Charles A. Gabriel. illus Signal 34:9-11 Oct '79

S-3

The S-3A needs a shot in the arm, not major surgery. LT Maurice S. Joyce. illus US Nav Inst Proc 105: 106-108 Nov '79

The Viking at sea. Robert L. Lawson. illus US Nav Inst Proc 105:70-79 Jul '79

Shooting Star

See T-33

Skyhawk

See A-4

Starlifter

See C-141

Stratofortress

See B-52

Stratolifter

See C-135

Stratotanker

See KC-135

T-33

E-3A aircrew saves T-33 aircraft in Iceland. 2dLt Ross Lampert. illus TAC Attack 19:16-17 Oct '79

The will to live. BrigGen William W. Spruance, Ret. illus MAC Flyer 26:20-23 Jun '79

T-34

T-34C: Spearhead of Beech defence activities. Marc Grangier. illus Interavia 34:44-46 Jan '79

T-38

The 'little white mice' that fly. (T-38s are used to train tactical fighter aircrews at Holloman AFB, NM) AlC Thomas R. Power. illus Airman 23:17-20 Sep '79

TF-15

Biodynamic effects of canopy loss in the TF-15 aircraft. Wayne F. Kendall, Jr and Ronald C. Hill. illus tabs Aviation, Space & Envrnt Med 50:338-342 Apr '79

AIRPLANE TYPE - ContinuedTFX

See F-111

Talon

See T-38

Thunderbolt II

See A-10

Thunderchief

See F-105

U-2

Another way to spell recce. LtCol Bob Park. illus Combat Crew 29:18-19 Aug '79

Tactical reconnaissance for the 1980s: A close-up look at the TR-1 and QSR. LtGen Charles A. Gabriel. illus Signal 34:9-11 Oct '79

V-2

See C-7

VSX

See S-3

Viking

See S-3

Voodoo

See F-101

WC-130Maintenance and Repair

Storm trackers. SMSgt Gerald H. Smith. illus Air Reservist 32:12-13+ Nov '79

YF-16

See also F-16

AIRPLANESSee also

Aircraft, Experimental

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Brakes

A look at brake cooling. Walt Blake. illus tab Aerosp Safety 35:24-26 Nov '79

Characteristics

Jane's All the World's Aircraft Supplement. Regular feature in issues of Aerospace International; some issues of Air Force Magazine

Control

See Flight Control Systems

Electronic Equipment

See Electronic Equipment (Aircraft)

Emergency Procedures

Farms for sale. R. C. Delgado. illus tabs Aerosp Safety 35:6-7 Jul '79

Injuries in air transport emergency evacuations. Donell W. Pollard. Aviation, Space & Envrnt Med 50:943-947 Sep '79

AIRPLANES - ContinuedEmergency Procedures - Cont'd

More about wind shear hazards. Paul R. Higgins and Donald H. Patterson. tabs Aerosp Safety 35:15-21+ Mar '79

EnginesSee also

Jet Engines

Fires and Fire Prevention

Survivability in aircraft fires--new standards are needed. Chris Bulloch. illus Interavia 34:557-558 Jun '79

Fuels

Flying fossils. J.R. Henningfeld and A.T. Peacock. illus tab Aerosp Safety 35:18-20+ Jun '79

InspectionSee also

Preflight Inspections

Instruments

See Aeronautical Instruments

Landing and TakeoffSee also

Automatic Landing Systems
Ground-Controlled Approach
Hydroplaning

Ducking under: Performance and prevention. Capt Ron Sams. illus Aerosp Safety 35:25-27 May '79;
Combat Crew 29:8-10 May '79

Heads up & out. Capt Gene Miller. illus tabs Aerosp Safety 35:26-27 Aug '79

Illusions and flight. illus Aerosp Safety 35:6-8 Mar '79

A look at brake cooling. Walt Blake. illus tab Aerosp Safety 35:24-26 Nov '79

More about wind shear hazards. Paul R. Higgins and Donald H. Patterson. tabs Aerosp Safety 35:15-21+ Mar '79

Primrose path. MAC Flyer 26:22-23 May '79

Maintenance and Repair

See Aircraft Maintenance

Manufacture

See Aircraft Industry and Trade

Materials

Future trends in aircraft structural materials. W.A. Stauffer and J.H. Wooley. illus tabs Interavia 34: 212-214 Mar '79

The quiet revolution in airframe construction. Chris Bulloch. illus tab Interavia 34:207-211 Mar '79

What's a corker? SMSgt Ron Christiansen. TAC Attack 19:24-25 Jun '79

Modifications

The DC-9 Super 80--much more than a simple stretch. J. Philip Geddes. tabs illus (Also cutaway) Interavia 34:865-869 Sep '79

AIRPLANES - ContinuedPiloting

More about wind shear hazards. Paul R. Higgins and Donald H. Patterson. tabs Aerosp Safety 35:15-21+ Mar '79

RacesHistory

The fabulous Gee Bees. Philip C. Brown. illus Am Avn Hist Soc J 24:187-201 Fall '79

RefuelingSee also

In-Flight Refueling

Restoration

Restoring oldies at Silver Hill. Phil Jacobs. illus AF Times 40:53-54 Nov 5 '79

Safety MeasuresSee also

Flying Safety

Takeoff

See Airplanes--Landing and Takeoff

France

France's aerospace industry--a note of cautious optimism. illus tabs Interavia 34:499-510+ Jun '79

AIRPLANES, AMPHIBIOUSSee also

Seaplanes

AIRPLANES, BOMBERCharacteristics

Gallery of Soviet aerospace weapons: Bombers and maritime. illus AF Mag 62:99-101 Mar '79

Gallery of USAF weapons: Bombers. illus AF Mag 62:116 May '79

Great Britain

Britain's Vulcan bomber. Jay Miller. illus AF Times 40:30 Oct 15 '79

Russia

Gallery of Soviet aerospace weapons: Bombers and maritime. illus AF Mag 62:99-101 Mar '79

United States

The ALCM decathlon. Maj Charles G. Tucker. illus tab AF Mag 62:67-71 Jun '79

Gallery of USAF weapons: Bombers. illus AF Mag 62:116 May '79

A post B-1 look at the manned strategic bomber. LtCol John J. Kohout III. illus AU Rev 30:27-51 Jul-Aug '79

Prospects for the manned bomber--high noon or sunset? LtCol Edd D. Wheeler. illus AU Rev 30:2-15 Jan-Feb '79

AIRPLANES, BOMBER - ContinuedUnited States - Cont'dHistory

The Barling Bomber. Earl H. Tilford, Jr. illus
Aerosp Hist 26:91-97 Jun '79; Condensation. AF
Mag 61:68-70 Feb '78

"Grandpappy"--the XB-15. Georges G. Bouche. illus
tab Aerosp Hist 26:171-181 Sep '79

The red-tailed beauties of the 7th Bomb Wing. Meyers
K. Jacobsen. illus Am Avn Hist Soc J 24:19-40
Spring '79

AIRPLANES, BOMBER (SUPERSONIC)Design

USAF asks Brown for B-1 derivative as air launched
cruise missile carrier. Benjamin F. Schemmer.
illus Armed Forces J Intl 117:15+ Nov '79

AIRPLANES, CARGO see

Airplanes, Military Transport
Airplanes, Military Transport (Jet)
Airplanes, Transport
Airplanes, Transport (Jet)

AIRPLANES, EXPERIMENTAL see Aircraft, ExperimentalAIRPLANES, FAMOUS AND HISTORIC

Dick Grace & his Waterhouse Cruzair. Eugene J.
Millikin. illus map tab Am Avn Hist Soc J 24:132-
143 Summer '79

The flight. LCDR Albert C. Read. (Reprinted from a
1919 Curtiss Aeroplane and Motor Corp publica-
tion) illus Am Avn Hist Soc J 24:144-146 Sum-
mer '79

The flights of the Liberty. Jens P. Johansen. illus
Am Avn Hist Soc J 24:111-121 Summer '79

The flying Bird of Paradise. William B. Murphy.
illus Aerosp Hist 26:30-33 Mar '79

The last of a breed: A synopsis of the world's only
surviving Boeing F4B-4. Jess C. Barrow. illus
Am Avn Hist Soc J 24:235-238 Fall '79

The old DH--a memorable airplane. Col John F.
Whiteley, Ret. illus Aerosp Hist 26:245-248
Dec '79

Piecing together history (for AF Museum). TSgt Ste-
ven A. Landry. illus Air Reservist 31:16-17
Mar '79

The saga of Shoo Shoo Baby. illus AF Mag 62:26
Apr '79

Touring Europe's air museums. Edward Peck. illus
Aerosp Hist 26:154-160 Sep '79

Wing roots. MSgt William E. Collins. illus MAC
Flyer 26:12-15 Jun '79

AIRPLANES, FIGHTERArmament

GEPOD 30--a new 30-mm gun pod from General
Electric. illus (Also cutaway) tab Intl Def Rev 12,
No. 4:640 '79

AIRPLANES, FIGHTER - ContinuedArmament - Cont'd

The Sky Flash air-to-air missile. illus tab Intl Def
Rev 12, No. 6:951-954 '79

U.S. DOD defends GBU-15. illus Intl Def Rev 12,
No. 1:15 '79

Characteristics

Gallery of Soviet aerospace weapons: Attack aircraft.
illus AF Mag 62:105 Mar '79

Gallery of Soviet aerospace weapons: Fighters. illus
AF Mag 62:102-105 Mar '79

Gallery of USAF weapons: Fighters. illus AF Mag 62:
117-119 May '79

The Mirage 2000--an essential component of the
French Air Force. Germain Chambost. illus tab
Intl Def Rev 12, No. 7:1136-1141 '79

Past performance and mission dictate that the Corps
use a two-seat fighter. Maj K.P. O'Mara. illus
MarCor Gaz 63:60-64 Aug '79

Technology options for an advanced tactical fighter.
illus tabs Interavia 34:229-233 Mar '79

Weapon system series: F-16. illus tabs NATO's Fif-
teen Nations 23:68-70+ Dec '78-Jan '79

Design

Doing it with restraint. Mike Byers. illus TAC Attack
19:24-27 Apr '79

F-4G Advanced Wild Weasel. Charles R. Hart and
John J. Harty. illus Navigator 26:16-18 Summer '79

Technology options for an advanced tactical fighter.
illus tabs Interavia 34:229-233 Mar '79

Emergency Procedures

Hydrazine and the F-16. Maj Warren D. Tuttle. illus
Aerosp Safety 35:8-10 Nov '79

Engines

How safe is the F100 engine? Maj William C. Morris-
son. illus Aerosp Safety 35:7-9 Aug '79

Things that go bump in the flight ... or where do all
those compressor stalls come from anyway? Capt
Pete Abler. illus TAC Attack 19:18-19 Mar '79

Landing and Takeoff

Last of the late rotators. Pete Pilcher. illus Aerosp
Safety 35:6-8 Apr '79

Performance

How high is your endurance? LtCol Robert J. Vanden-
Heuvel. tab Aerosp Safety 35:14-15 May '79

Piloting

Optimizing the low altitude dive recovery maneuver.
Clarence Mongold. illus tabs Aerosp Safety 35:
4-6 Oct '79

Some war story. Maj Wayne E. Griffith. illus Inter-
ceptor 21:5-9 Mar '79

AIRPLANES, FIGHTER - ContinuedTakeoff

See Airplanes, Fighter--Landing and Takeoff

Canada

Maple Leaf dogfight underway. Murry Shohat. illus tabs Mil Elect/Countermeasures 5:29+ Jan '79

Europe, Western

A European tactical fighter--the RAF dilemma. Air Commodore P.B.Hine. illus tabs Intl Def Rev 12, No.5:757-764 '79

The Jaguar/Harrier replacement aircraft: The case for a two-seater. WgComdr A.R.Tolcher. illus Hawk No.39:45-51 Winter '78-'79

Mid-point in the Tornado program--the development phase draws to a close. Klaus Regelin. illus tabs maps Interavia 34:136-141 Feb '79

Multi-national production (of the Tornado) gets under way. illus Interavia 34:141-143 Feb '79

Product support for Tornado units--an industry responsibility. illus Interavia 34:144-145 Feb '79

France

The Mirage 2000--an essential component of the French Air Force. Germain Chambost. illus tab Intl Def Rev 12, No.7:1136-1141 '79

Thomson debuts new pods for Mirage. illus Def Elect 11:48 May '79

Great Britain

Britain rethinks its future strike aircraft policy. Derek Wood. illus Interavia 34:339-342 Apr '79

History

The Forty, the Spit, and the Jug. Col John A.C. Andrews, Ret. illus Aerosp Hist 26:202-207 Dec '79

Russia

Gallery of Soviet aerospace weapons: Attack aircraft. illus AF Mag 62:105 Mar '79

Gallery of Soviet aerospace weapons: Fighters. illus AF Mag 62:102-105 Mar '79

Soviet close air support: An indispensable comrade in combined arms operations. Capts Richard F. Riccardelli and Gary L. Jackson. illus tab Mil Rev 59: 11-20 May '79

United States

The central issues of sea-based aviation. R.James Woolsey. illus US Nav Inst Proc 105:142-149 May '79

ETF (Enhanced Tactical Fighter): A new U.S./NATO answer for the Central Front? David Harvey. illus Def & For Aff Dig 7, No.5:37-38 '79

Eagles at angels: Flying the McDonnell Douglas/USAF F-15 Eagle. David Harvey. illus Def & For Aff Dig 7, No.5:12-15+ '79

Gallery of USAF weapons: Fighters. illus AF Mag 62: 117-119 May '79

AIRPLANES, FIGHTER - ContinuedUnited States - Cont'd

The pros and cons of a multimission fighter force. Bonner Day. illus AF Mag 62:60-63 Apr '79

History

The Forty, the Spit, and the Jug. Col John A.C. Andrews, Ret. illus Aerosp Hist 26:202-207 Dec '79

The Grumman Hellcat. A. Norman Harp. illus Aerosp Hist 26:215-220 Dec '79

High-altitude pioneering in the P-12. Jeff Ethell. illus AF Mag 62:120+ Sep '79

The last of a breed: A synopsis of the world's only surviving Boeing F4B-4. Jess C.Barrow. illus Am Avn Hist Soc J 24:235-238 Fall '79

North American P-64. Harry Gann. illus Am Avn Hist Soc J 23:296-299 Winter '78

Television brought back memories of WW II glory for old Corsair pilots. Paul Hofrichter. illus MarCor Gaz 63:79-82 May '79

AIRPLANES, GUNSHIP see GunshipsAIRPLANES, JET PROPELLEDSee also

Airplanes, Military Transport (Jet)
Airplanes, Transport (Jet)

Fuels

Aviation fuel: Can the rising costs be absorbed? Peter Tallon. illus tabs Interavia 34:167-169 Feb '79

Conserving energy and combat readiness. Bonner Day. illus tabs AF Mag 62:67-71 Oct '79

Flying fossils. J.R.Henningfeld and A.T.Peacock. illus tab Aerosp Safety 35:18-20+ Jun '79

JP-4 + air + spark = disaster. (Reprinted from Airscoop, Feb 1979) illus Interceptor 21:10-11 May '79

Lockheed urges hydrogen fuel. illus tab Interavia 34: 872-873 Sep '79

Straw-colored gold--jet fuel from rocks. LtCol Richard Earl Hansen, Ret. illus AU Rev 31:27-33 Nov-Dec '79

Poland

Iskra II: Another competitor on the jet trainer market. Georg Panyalev. tabs illus (Also cutaway) Intl Def Rev 12, No.2:159-160 '79

AIRPLANES, LIGHTSee also

Airplanes in Agriculture
Airplanes in Business

Commuter aircraft--developing market brings host of new projects. Marc Grangier. illus tab Interavia 34:742-745 Aug '79

The Reading General Aviation Show at a turning point? illus Interavia 34:758-759 Aug '79

AIRPLANES, LIGHT - ContinuedUnited States

Safety in general aviation: The San Diego accident points to problem areas. Marc Grangier. illus tabs Interavia 34:128-130 Feb '79

History

The Rider R-3 at the Bradley Air Museum. Robert H. Stepanek. illus Am Avn Hist Soc J 24:122-124 Summer '79

AIRPLANES, MILITARY

See also specific categories of military airplanes, e.g.,
 Airplanes, Bomber Airplanes, Trainer
 Airplanes, Fighter COIN Aircraft
 Airplanes, Reconnaissance Gunships
 also entries on U.S. military planes by model designation under the specific type, e.g.,
 Airplane Type--A-10

The armchair aviator. Regular feature in issues of Air Force Times beginning with September 24, 1979

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Armament

After a sortie. Col V. Gastello. illus Soviet Mil Rev No.7:22-23 Jul '79

They're putting a gun system on the F/A-18 that won't do the job. Maj Robert Hickson. illus tabs MarCor Gaz 63:37-43 Aug '79

Brakes

Whoa without woe--some fast facts about getting stopped with your rollers intact. illus MAC Flyer 26:21-22 Oct '79

You vs hydroplaning ... and the winner is? illus Aerosp Safety 35:2-4 Nov '79

Canopies

A-10 canopy-off tests. Wendell H. Shawler. illus TAC Attack 19:10-12 Oct '79

Biodynamic effects of canopy loss in the TF-15 aircraft. Wayne F. Kendall, Jr and Ronald C. Hill. illus tabs Aviation, Space & Envmt Med 50:338-342 Apr '79

Improper maintenance of plastic windscreens. TIG Brief 31:10 Sep 7 '79

Characteristics

Gallery of USAF weapons: Attack and observation aircraft. illus AF Mag 62:119-120 May '79

Jane's All the World's Aircraft Supplement. Regular feature in issues of Aerospace International; some issues of Air Force Magazine

Cockpits

The cockpit of the eighties. illus Aerosp Intl 15:64+ Apr-May '79

Cockpit thermal stress and aircrew thermal strain during routine Jaguar operations. T.M. Gibson and others. tabs Aviation, Space & Envmt Med 50:808-812 Aug '79

AIRPLANES, MILITARY - ContinuedCockpits - Cont'd

Effect of cockpit temperature gradients on the validity of single-point measurements. J.R. Allan and others. illus tabs Aviation, Space & Envmt Med 50:669-671 Jul '79

Effects of phase manipulation on speech intelligibility through communication headsets. Thomas H. Townsend and Clifford C. Olsen. illus Aviation, Space & Envmt Med 50:355-356 Apr '79

The 60606 cockpit display. George deLucenay Leon. illus Natl Def 63:38-39 Mar-Apr '79

Equipment

A-10 canopy-off tests. Wendell H. Shawler. illus TAC Attack 19:10-12 Oct '79

Combat Evaluation

Survivability--a science whose time has come. CDR Charles N. Sapp, Jr. illus US Nav Inst Proc 104: 58-67 Dec '78

Components

C/KC-135 interchangeability problems, overhauled spares. TIG Brief 31:7 Jul 2 '79

Control

See Flight Control Systems

De-icing

See Airplanes, Military--Ice Prevention

Design

Lippisch, Gluhareff, and Jones: The emergence of the delta planform and the origins of the sweptwing in the United States. Richard P. Hallion. illus Aerosp Hist 26:1-10 Mar '79

Detection and Recognition

See Airplanes--Identification

Electrical Systems

Leaky seals, shorts & blown ducts. Maj Emmet C. Quill. illus Combat Crew 29:16-18 Jan '79

Electronic Equipment

See Electronic Equipment (Aircraft)

Emergency Procedures

Chances are a million to one. Capt Kenneth L. Stanford. illus Combat Crew 29:4-5+ May '79

E-3A aircrew saves T-33 aircraft in Iceland. 2dLt Ross Lampert. illus TAC Attack 19:16-17 Oct '79

Leaky seals, shorts & blown ducts. Maj Emmet C. Quill. illus Combat Crew 29:16-18 Jan '79

Mactan mixup. Maj James G. Gibson II. illus MAC Flyer 26:6-7 May '79

Obscured decision. illus MAC Flyer 26:10-11 Jun '79

Preparing for the unexpected. Capt Skip Brownyard. illus Combat Crew 29:27+ Jun '79

Single-engine safe crossing. Maj Ronald K. Peacock. illus MAC Flyer 26:14-15 Apr '79

AIRPLANES, MILITARY - ContinuedEmergency Procedures - Cont'd

Too close for comfort. illus Aerosp Safety 35:10-11 Oct '79

The ultimate decision. Maj Roger L. Jacks. illus Aerosp Safety 35:24-25 Sep '79

Unusual attitude vs out of control. Maj Tom Tilden. illus TAC Attack 19:20-22 Oct '79

EnginesSee also

Jet Engines

Chances are a million to one. Capt Kenneth L. Stanford. illus Combat Crew 29:4-5+ May '79

Leaky seals, shorts & blown ducts. Maj Emmet C. Quill. illus Combat Crew 29:16-18 Jan '79

Waste of engine starter cartridges. TIG Brief 31:8 Aug 3 '79

When you have only one. Capt Charles K. Griffin. illus tabs USA Avn Dig 25:8-11 Jan '79

Equipment

Aircraft equipment and its development prospects. ColGen A. Ponomarev. illus Soviet Mil Rev No. 8: 2-5 Aug '79

Testing

Riding the rail. (High-speed test track at Holloman AFB, NM, is used to test aircraft life support systems and missile guidance systems) Capt Katie Cutler. illus Airman 23:45-48 May '79

Fires and Fire Prevention

Aircraft fire extinguishers. TIG Brief 31:18 Aug 3 '79

Broken Arrow exercises. TIG Brief 31:9 Jan 12 '79

Fire on takeoff. Capt Michael E. Parsons. illus Combat Crew 29:8-9 Feb '79

Fire protection training facilities. TIG Brief 31:19 May 4 '79

For want of a nail--off-base crash response. LtCol Cleveland Simpson. illus Aerosp Safety 35:26-27 Jul '79

Fuel on fire--rapid response to a military problem. Dan Boyle. illus tab Interavia 34:554-556 Jun '79

JP-4 + air + spark = disaster. (Reprinted from Airscoop, Feb 1979) illus Interceptor 21:10-11 May '79

Leaky seals, shorts & blown ducts. Maj Emmet C. Quill. illus Combat Crew 29:16-18 Jan '79

Mactan mixup. Maj James G. Gibson II. illus MAC Flyer 26:6-7 May '79

The will to live. BrigGen William W. Spruance, Ret. illus MAC Flyer 26:20-23 Jun '79

Fuel Tanks

JP-4 + air + spark = disaster. (Reprinted from Airscoop, Feb 1979) illus Interceptor 21:10-11 May '79

AIRPLANES, MILITARY - ContinuedFuel Tanks - Cont'd

Lightning can clip your wings. tab MAC Flyer 26: 21-23 Apr '79

Fuels

Computer flight plans and fuel management. Capt John D. McDermott. illus Navigator 26:28-31 Summer '79

How high is your endurance? LtCol Robert J. Vandenberg. tab Aerosp Safety 35:14-15 May '79

What is N₂H₄? Capt Pete Abler. illus TAC Attack 19:18-19 Jan '79

History

The Lamont DuPont Aeronautical Collection of Aircraft Negatives. Milton Sheppard. illus tabs Am Avn Hist Soc J 24:90-98 Summer '79

Hydraulic SystemsMaintenance and Repair

F/R-4 pitot static system maintenance. TIG Brief 31:13 Mar 23 '79

Ice Prevention

Aircraft icing--a major weather hazard. Capt Chuck Mortensen. illus Combat Crew 29:8-9 Oct '79

Cold facts. Maj Gary L. Studdard. illus Aerosp Safety 35:12-13 Oct '79

Icing--rethought. Capt James S. Kash. Aerosp Safety 35:5 Nov '79

Wing surface roughness cause & effect. Ralph E. Brumby. illus tabs Aerosp Safety 35:16-19 Nov '79

Identification

Mediterranean Marauder markings. Victor C. Tannehill. illus Am Avn Hist Soc J 24:55-67 Spring '79

InspectionSee also

Preflight Inspections

Instruments

See Aeronautical Instruments

Landing and TakeoffSee also

Automatic Landing Systems
Ground-Controlled Approach
Hydroplaning

Critical tire failure speed. Capt Charles M. Westenhoff. illus MAC Flyer 26:14-15 May '79

Duluth double take. Maj John N. Modders. illus MAC Flyer 26:20 Jan '79

Obscured decision. illus MAC Flyer 26:10-11 Jun '79

Skidding around. Maj Pete Abler. illus TAC Attack 19:4-6 Sep '79

Too close for comfort. Capt Bob Boswell. illus Combat Crew 29:10-11 Oct '79

AIRPLANES, MILITARY - ContinuedLanding and Takeoff - Cont'd

Wake turbulence. Maj Jerry D. Driscoll. illus Aerosp Safety 35:2-3 Mar '79

Wing surface roughness cause & effect. Ralph E. Brumby. illus tabs Aerosp Safety 35:16-19 Nov '79

You vs hydroplaning ... and the winner is? illus Aerosp Safety 35:2-4 Nov '79

Maintenance and Repair

See Aircraft Maintenance and subdivision
Maintenance and Repair under specific Airplane Types

Manufacture

See Aircraft Industry and Trade

Materials

The quiet revolution in airframe construction. Chris Bulloch. illus tab Interavia 34:207-211 Mar '79

What's a corker? SMSgt Ron Christiansen. TAC Attack 19:24-25 Jun '79

Modifications

The 'big wing' Harrier. Derek Wood. illus Interavia 34:447-448 May '79

Enlarged wing proposed for Harrier retrofit. illus Intl Def Rev 12, No. 3:318 '79

New missions, new updates for B-52. Robert M. Kochis. illus tabs Elect Warfare/Def Elect 11: 44-46+ Apr '79

Reserve Air Fleet said working well. AF Times 39:7 Jan 29 '79

Stretching the Starlifter. Capt Michael P. Black. illus MAC Flyer 26:4-7 Feb '79

24 C-141s 'stretching'. illus AF Times 40:48 Dec 17 '79

What, the Deuce! (F-102s modified to fly as drones at Holloman AFB, NM) Capt Katie Cutler. illus Airman 23:21-26 May '79

Mothballing

See Airplanes, Military--Storage

Piloting

Let George do it. Maj C.B. Casson. illus MAC Flyer 26:10-13 Jul '79

Unusual attitude vs out of control. Maj Tom Tilden. illus TAC Attack 19:20-22 Oct '79

When you have only one. Capt Charles K. Griffin. illus tabs USA Avn Dig 25:8-11 Jan '79

Power PlantsSee also

Airplanes, Military--Engines

The F-16 emergency power unit. Capts Roy A. Hodges and James F. Dugan. illus TAC Attack 19:4-7 Feb '79

Recognition

See Airplanes, Military--Identification

AIRPLANES, MILITARY - ContinuedRefuelingSee also

In-Flight Refueling

Aircraft refueling vehicles: Excessive carbon monoxide concentrations. TIG Brief 31:17 Jun 1 '79

Reliability

Reliability and maintainability data for operational systems. TIG Brief 31:10 Mar 9 '79

Restoration

Piecing together history (for AF Museum). TSgt Steven A. Landry. illus Air Reservist 31:16-17 Mar '79

The saga of Shoo Shoo Baby. illus AF Mag 62:26 Apr '79

Safety MeasuresSee also

Flying Safety

Aircraft safety. Gen Bryce Poe II. TIG Brief 31:2 May 4 '79

The F-16 emergency power unit. Capts Roy A. Hodges and James F. Dugan. illus TAC Attack 19:4-7 Feb '79

Lightning avoidance. Capt Stephen M. Horn. illus TAC Attack 19:10-12 Apr '79

Safety TCTO compliance by maintenance personnel. TIG Brief 31:13 Apr 6 '79

Semiannual review of aircraft mishap recommendations. TIG Brief 31:16 Mar 9 '79

Smoking--a hazard for aircrews. Maj Thomas E. Bronson. illus tab AU Rev 30:66-73 May-Jun '79

Seats

Doing it with restraint. Mike Byers. illus TAC Attack 19:24-27 Apr '79

Stalling

"Stall/stagnation--the pilot factor." Col Art Bergman and Maj Skip Weyrauch. illus tab TAC Attack 19:4-7 Mar '79

Things that go bump in the flight ... or where do all those compressor stalls come from anyway? Capt Pete Abler. illus TAC Attack 19:18-19 Mar '79

Wing surface roughness cause & effect. Ralph E. Brumby. illus tabs Aerosp Safety 35:16-19 Nov '79

Storage

D-21, one of many oddities at D-M (Davis-Monthan AFB, AZ). Jay Miller. illus AF Times 40:50 Dec 17 '79

Takeoff

See Airplanes, Military--Landing and Takeoff

Tires

Critical tire failure speed. Capt Charles M. Westenhoff. illus MAC Flyer 26:14-15 May '79

AIRPLANES, MILITARY - ContinuedTires - Cont'd

Whoa without woe--some fast facts about getting stopped with your rollers intact. illus MAC Flyer 26:21-22 Oct '79

Tracking

See Airplanes, Military--Identification

Wheels

The wheel turns. TIG Brief 31:18 Jan 12 '79

Windshields

Improper maintenance of plastic windscreens. TIG Brief 31:10 Sep 7 '79

Wings

The 'big wing' Harrier. Derek Wood. illus Interavia 34:447-448 May '79

Enlarged wing proposed for Harrier retrofit. illus Intl Def Rev 12, No.3:318 '79

Lippisch, Gluhareff, and Jones: The emergence of the delta planform and the origins of the sweptwing in the United States. Richard P.Hallion. illus Aerosp Hist 26:1-10 Mar '79

Wing surface roughness cause & effect. Ralph E. Brumby. illus tabs Aerosp Safety 35:16-19 Nov '79

Canada

The need for defense oriented science & technology policies in smaller NATO countries: The Canadian Avro Arrow as a case study. Daniel R.Perley. illus tabs Def & For Aff Dig pt 1, 7, No.4:4-7+; pt 2, 7, No.5:17-22+ '79

Europe, Western

Mid-point in the Tornado program--the development phase draws to a close. Klaus Regelin. illus tabs maps Interavia 34:136-141 Feb '79

FranceHistory

The Aeronavale, 1912-1962. Lee Boone Kennett, Jr. illus Aerosp Hist 26:238-244 Dec '79

GermanyHistory

Germany's most famous. Jay Miller. illus AF Times 40:48 Nov 12 '79

Lippisch, Gluhareff, and Jones: The emergence of the delta planform and the origins of the sweptwing in the United States. Richard P.Hallion. illus Aerosp Hist 26:1-10 Mar '79

Radial FW-190--formidable design. Jay Miller. illus AF Times 40:26 Nov 19 '79

JapanHistory

More about "those Japanese planes." Robert C. Mikesch. illus tabs Am Avn Hist Soc J 23:310-311 Winter '78

AIRPLANES, MILITARY - ContinuedRussia

About the MIG. Jay Niessen Miller. illus AF Times pt 1, 40:8+ Sep 24 '79; pt 2, MIG-15 fearsome in Korea. 40:38 Oct 1 '79; pt 3, Supersonic MIG at level flight. 40:56 Oct 8 '79

Principal U.S. and Soviet aerospace systems. Table only. AF Mag 62:98 Mar '79

Trends in Soviet frontal aviation. William Schneider, Jr. illus AF Mag 62:76-81 Mar '79

United States

The A-10 in Central Europe--a concept of deployment-employment. Col Robert D.Rasmussen. map illus tabs AU Rev 30:26-44 Nov-Dec '78

From the airlift to Vietnam & beyond. (Address, 8th Military History Symposium, "Air Power and Warfare," Air Force Academy, Oct 1978) Gen T.R. Milton, Ret. illus AF Mag 62:38-43 Feb '79

Gallery of USAF weapons: Attack and observation aircraft. illus AF Mag 62:119-120 May '79

Military aircraft displays in California. Bruce Orriss. illus tab Am Avn Hist Soc J 24:52-54 Spring '79

Principal U.S. and Soviet aerospace systems. Table only. AF Mag 62:98 Mar '79

History

The flying Bird of Paradise. William B.Murphy. illus Aerosp Hist 26:30-33 Mar '79

Flying--just barely. (Dr Virgil A.Kelley recalls his early days as a Steerman pilot) Anne Shermer. illus Airman 23:41-43 Mar '79

Forced landing: Winter sport on a Pennsylvania hill-top (1921). Phillips Melville. illus Am Avn Hist Soc J 24:214-225 Fall '79

K-6 scrapbook. Alfred E.Cornelise. illus map Am Avn Hist Soc J 23:312-317 Winter '78

Lippisch, Gluhareff, and Jones: The emergence of the delta planform and the origins of the sweptwing in the United States. Richard P.Hallion. illus Aerosp Hist 26:1-10 Mar '79

North American Aviation, Inc: Chronology of first flights. Norman L.Avery. illus tabs Am Avn Hist Soc J 24:147-153 Summer '79

The old DH--a memorable airplane. Col John F. Whiteley, Ret. illus Aerosp Hist 26:245-248 Dec '79

AIRPLANES, MILITARY TRANSPORTCharacteristics

Gallery of Soviet aerospace weapons: Transports. illus AF Mag 62:107-108 Mar '79

Gallery of USAF weapons: Transports and tankers. illus AF Mag 62:122-124 May '79

Piloting

A bigger bag of tricks. Cpts John G.Shriever and Edward J.Wiesner, Jr. illus MAC Flyer 26:14-15 Jul '79

AIRPLANES, MILITARY TRANSPORT - ContinuedPiloting - Cont'd

A real wing-ding. illus MAC Flyer 26:11-13 May '79

Russia

Gallery of Soviet aerospace weapons: Transports. illus AF Mag 62:107-108 Mar '79

The Soviet transport Air Force--aircraft and capabilities. Peter Borgart. illus tabs Intl Def Rev 12, No. 6:945-950 '79

United States

Gallery of USAF weapons: Transports and tankers. illus AF Mag 62:122-124 May '79

A push for huge transport (CX). illus AF Times 40:11 Dec 17 '79

History

Wing roots. MSgt William E. Collins. illus MAC Flyer 26:12-15 Jun '79

AIRPLANES, MILITARY TRANSPORT (JET)Characteristics

Airlifters of the future. Capt James P. Coe. illus MAC Flyer 26:22-24 Nov '79

Gallery of Soviet aerospace weapons: Transports. illus AF Mag 62:107-108 Mar '79

Gallery of USAF weapons: Transports and tankers. illus AF Mag 62:122-124 May '79

Landing and Takeoff

A real wing-ding. illus MAC Flyer 26:11-13 May '79

Takeoff

See Airplanes, Military Transport (Jet)--Landing and Takeoff

Wings

A real wing-ding. illus MAC Flyer 26:11-13 May '79

Russia

Gallery of Soviet aerospace weapons: Transports. illus AF Mag 62:107-108 Mar '79

United States

Gallery of USAF weapons: Transports and tankers. illus AF Mag 62:122-124 May '79

Stretching the Starlifter. Capt Michael P. Black. illus MAC Flyer 26:4-7 Feb '79

AIRPLANES, MODEL

Skatan: A mini-RPV for reconnaissance. LtCol P. Crevecoeur. illus tabs Intl Def Rev 12, No. 4: 606-608 '79

AIRPLANES, NUCLEAR POWERED

The nuclear powered aircraft: Is it a practical concept? WgComdr T.J. Morgan. Royal Air Forces Qtr 18:367-374 Winter '78

AIRPLANES, PARASITEHistory

Going along for the ride! William G. Holder. illus AU Rev 30:48-57 Jan-Feb '79

Parasite fighters. Jay Miller. illus AF Times 40:24+ Nov 26 '79

AIRPLANES, RECONNAISSANCECharacteristics

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 62:106 Mar '79

Gallery of USAF weapons: Reconnaissance and special-duty aircraft. illus AF Mag 62:120-122 May '79

France

Atlantic Nouvelle Génération. illus Intl Def Rev 12, No. 1:115-117 '79

Russia

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 62:106 Mar '79

United States

Gallery of USAF weapons: Reconnaissance and special-duty aircraft. illus AF Mag 62:120-122 May '79

History

D-21, one of many oddities at D-M (Davis-Monthan AFB, AZ). Jay Miller. illus AF Times 40:50 Dec 17 '79

Super secret X-16 'aimed' at Soviets. Jay Miller. illus AF Times 40:25 Dec 24 '79

AIRPLANES, SUPERSONICSee also

Airplanes, Bomber (Supersonic)
Airplanes, Transport (Supersonic)

AIRPLANES, TANKERUnited States

Gallery of USAF weapons: Transports and tankers. illus AF Mag 62:122-124 May '79

New KC-10 Air Force tanker. William D. Siuru, Jr. illus Natl Def 63:32-33 Jan-Feb '79

AIRPLANES, TRAINER

Flight training in small air forces: Basic trainers--the ABC of flying. Yves Robins. illus Aerosp Intl 15:4-6 Feb-Mar '79

Flight training in small air forces: Modern jet trainers--a booming market. Yves Robins. illus tabs Aerosp Intl 15:9-10+ Feb-Mar '79

Flying a jet trainer. Yves Robins. illus Aerosp Intl 15:16-17 Feb-Mar '79

Training tomorrow's combat pilots. illus tabs Interavia 34:22-26 Jan '79

AIRPLANES, TRAINER - Continued

Two birds in the hand? Europeans jockeying for U.S. Navy trainer. illus Interavia 34:707-708 Jul '79

Characteristics

Flight training in small air forces: Modern jet trainers--a booming market. Yves Robins. illus tabs Aerosp Intl 15:9-10+ Feb-Mar '79

Gallery of Soviet aerospace weapons: Trainers. illus AF Mag 62:108-109 Mar '79

Gallery of USAF weapons: Trainers. illus AF Mag 62:125 May '79

Germany (Federal Republic)

Fantrainer status and prospects. illus Interavia 34: 778 Aug '79

Italy

Italy's new jet trainer. (Interview with Mario Barozzi) Ezio Bonsignore. illus Def & For Aff Dig 7, No.6:34+ '79

Mountain flying: The heady MB-339. Gregory Copley. illus Def & For Aff Dig 7, No.1:4-8 '79

Poland

Iskra II: Another competitor on the jet trainer market. Georg Panyalev. tabs illus (Also cutaway) Intl Def Rev 12, No.2:159-160 '79

Russia

Gallery of Soviet aerospace weapons: Trainers. illus AF Mag 62:108-109 Mar '79

United States

Gallery of USAF weapons: Trainers. illus AF Mag 62:125 May '79

Getting the most from the T-10 trainer. Capt William D.O'Brien. Combat Crew 29:20-21 Jul '79

History

North American Aviation, Inc training aircraft. Dustin W. Carter. illus tabs Am Avn Hist Soc J 24:99-110 Summer '79

AIRPLANES, TRANSPORT

The aircraft procurement decision--lease or buy? illus Aerosp Intl 15:14+ Apr-May '79

Czechoslovakia

The new L-410 UVP Turbolet--designed for regional markets. Marc Grangier. illus tab Interavia 34: 870-871 Sep '79

Ireland, Northern

Shorts 330 looks ahead: A unique 30 seat commuter aircraft. Derek Wood. illus tabs Interavia 34:978-979 Oct '79

United States

The aircraft history of Delta Air Lines, 1929-1979. Paul T. Talbott, Jr. illus tab Am Avn Hist Soc J 24:226-234 Fall '79

The future of United States airlift. John Shea. illus tabs Def Trans J 35:6-8+ Apr '79

AIRPLANES, TRANSPORT (JET)Characteristics

B767 and A310--sisters under the skin? Bill Sweetman. illus tabs Interavia 34:1025-1029 Nov '79

Tactical need for wide-bodies seen. illus AF Times 39:4 Feb 12 '79

Fuels

See Airplanes, Jet-Propelled--Fuels

Propellers

New life for propellers? Two approaches to the propfan concept. Chris Bulloch. illus tabs Interavia 34:83-85 Jan '79

Europe, Western

B767 and A310--sisters under the skin? Bill Sweetman. illus tabs Interavia 34:1025-1029 Nov '79

BAe slots into Airbus Industrie. illus Interavia 34: 653-654 Jul '79

France

Falcon Guardian program update. Marc Grangier. illus Interavia 34:93-94 Jan '79

Great Britain

British Aerospace 146 marketing progress. Derek Wood. illus (Also cutaway) Interavia 34:776-777 Aug '79

Japan

The MU-300 and the Foxjet: Two outsiders for the bizjet stakes. Marc Grangier. illus tabs Interavia 34:73-75 Jan '79

Netherlands

Nice days ahead for the Fokker-VFW F.28. Yves Robins. illus Aerosp Intl 15:48-51 Aug-Sep '79

United States

B767 and A310--sisters under the skin? Bill Sweetman. illus tabs Interavia 34:1025-1029 Nov '79

Business jets and commuter aircraft--two developing markets. illus Interavia 34:741 Aug '79

The DC-9 Super 80--much more than a simple stretch. J. Philip Geddes. tabs illus (Also cutaway) Interavia 34:865-869 Sep '79

FAA weathers DC-10 storm. Interavia 34:809-811 Sep '79

Falcon Guardian program update. Marc Grangier. illus Interavia 34:93-94 Jan '79

The future of United States airlift. John Shea. illus tabs Def Trans J 35:6-8+ Apr '79

General aviation prepares for the 1980s. Marc Grangier. illus Interavia 34:121-124 Feb '79

Learjet 50 series begins testing. J. Philip Geddes. illus Interavia 34:746-748 Aug '79

The MU-300 and the Foxjet: Two outsiders for the bizjet stakes. Marc Grangier. illus tabs Interavia 34:73-75 Jan '79

AIRPLANES, TRANSPORT (JET) - ContinuedUnited States - Cont'd

New Flatbed aircraft concept could revolutionize aviation. illus Def Trans J 35:6-8 Dec '79

Technology and future transport aircraft--the C-XX. J.J. Cornish III. illus tabs Def Trans J 35:23-24+ Dec '79

AIRPLANES, TRANSPORT (SUPERSONIC)Europe, Western

Concorde production ends. illus Interavia 34:1001-1002 Nov '79

AIRPLANES, V/STOLSee also

Advanced Medium Short Takeoff and Landing Transport

The central issues of sea-based aviation. R. James Woolsey. illus US Nav Inst Proc 105:142-149 May '79

The land-based V/STOL aircraft's role in our maritime strategy. LtCol Clifford A. Lindell, Ret. tab map illus US Nav Inst Proc 105:106-108 Jun '79

Great Britain

The 'big wing' Harrier. Derek Wood. illus Interavia 34:447-448 May '79

Britain rethinks its future strike aircraft policy. Derek Wood. illus Interavia 34:339-342 Apr '79

Enlarged wing proposed for Harrier retrofit. illus Intl Def Rev 12, No. 3:318 '79

A European tactical fighter--the RAF dilemma. Air Commodore P.B. Hine. illus tabs Intl Def Rev 12, No. 5:757-764 '79

Hawker Harrier 1st VTOL. Jay Miller. illus AF Times pt 1, 40:32 Oct 29 '79

Kestrels in the U.S. given many tests. Jay Miller. illus AF Times 40:44 Nov 5 '79

Pegasus uprating continues. Doug Chopping. tab illus (Also cutaway) Interavia 34:1159-1160 Dec '79

The Royal Navy's Invincible-class cruisers. R.B. Pengelley. illus Intl Def Rev 12, No. 8:1335-1340 '79

Russia

The Soviet transport Air Force--aircraft and capabilities. Peter Borgart. illus tabs Intl Def Rev 12, No. 6:945-950 '79

United States

Hawker Harrier 1st VTOL. Jay Miller. illus AF Times pt 1, 40:32 Oct 29 '79

V/STOL and the U.S. Navy. CAPT G.G. O'Rourke, Ret. illus MarCor Gaz 63:43-47 Jan '79

World's most advanced V/STOL (AV-8B). illus MarCor Gaz 63:4 Jan '79

AIRPLANES IN AGRICULTURE

Agricultural aircraft--the search for new markets. Marc Grangier. illus tabs Interavia 34:875-876 Sep '79

AIRPLANES IN AGRICULTURE - Continued

The farmers of the sky. Andrea Artoni. illus tab Aerosp Intl 15:4+ Aug-Sep '79

AIRPLANES IN BUSINESS

Business jets and commuter aircraft--two developing markets. illus Interavia 34:741 Aug '79

The Falcon 50 enters service. Marc Grangier. illus Interavia 34:660 Jul '79

General aviation prepares for the 1980s. Marc Grangier. illus Interavia 34:121-124 Feb '79

Jet Aviation: A total service for business aviation. Marc Grangier. illus Interavia 34:321-323 Apr '79

Learjet 50 series begins testing. J. Philip Geddes. illus Interavia 34:746-748 Aug '79

The MU-300 and the Foxjet: Two outsiders for the bizjet stakes. Marc Grangier. illus tabs Interavia 34:73-75 Jan '79

The Reading General Aviation Show at a turning point? illus Interavia 34:758-759 Aug '79

The 32d NBAA (National Business Aircraft Assoc) Show, Atlanta 1979. illus Interavia 34:1013-1016 Nov '79

AIRPLANES IN COUNTERINSURGENCY see COIN AircraftAIRPLANES IN PATROL WORK

Offshore patrol. illus tab Intl Def Rev pt 1, Aircraft, 12, No. 5:787-794+ '79; pt 2, Surface craft, 12, No. 8:1341-1350 '79

U.S. maritime patrol aircraft: A status report. VADM F.C. Turner. illus US Nav Inst Proc 105:106-111 Jan '79

AIRPLANES IN RESCUE WORK

E-3A aircrew saves T-33 aircraft in Iceland. 2dLt Ross Lampert. illus TAC Attack 19:16-17 Oct '79

Offshore patrol. illus tab Intl Def Rev pt 1, Aircraft, 12, No. 5:787-794+ '79; pt 2, Surface craft, 12, No. 8:1341-1350 '79

243 MHZ (Mega-Hertz) beacons: Terrain and the downed flier. Capt M. Stopani-Thompson. (Reprinted from Flight Comment, No. 2, 1979) tabs Aerosp Safety 35:18-20 Oct '79

AIRPORTS

Aerodromes today and tomorrow. Col A. Zhuravlyov. illus Soviet Mil Rev No. 11:28-29 Nov '79

Airports for the mass-transit era: ICAA (International Civil Airports Assoc) Congress, Nice, 1979. illus Interavia 34:1193-1196 Dec '79

Deja vu. (Surveys of landing conditions at unfamiliar airports) Regular feature in some issues of MAC Flyer

Equipment

Airport and regional ATC equipment. Manfred Momberger. illus tab Aerosp Intl 15:26+ Jun-Jul '79

Exhibitions

Airport '79 in Nice (Oct 15-18, 1979). illus Aerosp Intl 15:30-32 Aug-Sep '79

AIRPORTS - ContinuedLanding Aids

Airport lighting systems. Manfred Momberger. illus
Aerosp Intl 15:36-38+ Feb-Mar '79

Statistics

Selected worldwide airport traffic statistics, 1977-
1978. Table only. Interavia 34:621 Jul '79

Japan

Expanding Tokyo's airport capacity. J. Philip Geddes.
illus Interavia 34:657-659 Jul '79

Persian Gulf Region

Aviation in the Arabian Gulf. Peter Tallon. illus map
Interavia 34:580-582 Jun '79

United States

Airfield profiles. maps TAC Attack 19:10-12 Mar '79

Airport (Galena, Alaska) on 'the edge of nowhere.'
TSgt Dwight Trimmer. illus AF Times 39:8
Jul 23 '79

Duluth double take. Maj John N. Modders. illus MAC
Flyer 26:20 Jan '79

Nellis (AFB, NV) airfield profile. Lt Ben Rich. illus
Combat Crew 29:8-9+ Aug '79; TAC Attack 19:
18-20 Aug '79

Orlando International: New gateway to the Sunshine
State. Klaus Hohle. illus Interavia 34:161-162
Feb '79

History

Birth of an airport--from Mines Field to Los Angeles
International, L.A. celebrates the 50th anniversary
of its airport. Paul D. Friedman. illus Am Avn
Hist Soc J 23:285-295 Winter '78

AIRSHIPSSee also

Balloons

Airships ... a new military third dimension? F.J.
Plaskett. Army Qtr 108:298-303 Jul '78

History

Incident in the Florida straits. J. Gordon Vaeth. illus
US Nav Inst Proc 105:84-86 Aug '79

Lighter-than-air flight in America, 1784-1910. Henry
R. Palmer, Jr. illus Am Avn Hist Soc J 24:162-186
Fall '79

AIRSICKNESS see Motion SicknessAIRSPACE

Airspace. Jesse M. Burch, Jr. illus USA Avn Dig 25:
7-9 May '79

Airspace limitations. Capt Steven A. Skowronski.
illus Interceptor 21:10-11 Apr '79

'The good old days' of flying. TIG Brief 31:5
Aug 17 '79

Military training routes: Getting information to the
public. TIG Brief 31:15 Feb 9 '79

AIRSPACE - Continued

Pilot deviations show congestion. Len Famiglietti.
AF Times 40:3 Nov 19 '79

A reminder: The crowded skies. TIG Brief 31:19
Feb 9 '79

ALASKA

Airport (Galena, Alaska) on 'the edge of nowhere.'
TSgt Dwight Trimmer. illus AF Times 39:8
Jul 23 '79

A matter of life. (Air Force and CAP rescue units
in Alaska) MSgt David B. Drachlis. illus Airman
23:38-44 May '79

The midnight rainbows. (Fort Yukon AFS, AK,
studies the aurora borealis from a military view-
point) MSgt David B. Drachlis. illus Airman 23:
23-29 Jun '79

ALASKAN AIR COMMAND

Alaskan Air Command. illus chart AF Mag 62:76-77
May '79

ALCOHOL AND ALCOHOLISM

Congressman (Rep Dan Daniel) criticizes club sys-
tem. Suzanne Viau. AF Times 40:4 Oct 29 '79

Corrective action in a civilian drug or alcohol abuse
related problem. TIG Brief 31:10 Feb 9 '79

Current role of alcohol as a factor in civil aircraft
accidents. Leonard C. Ryan and Stanley R. Mohler.
tabs Aviation, Space & Envmt Med 50:275-279
Mar '79

DWI. Capt Eric M. Petersen. illus TAC Attack 19:
20-21 May '79

Drive on civilian drink gains ground. AF Times 39:29
Jan 22 '79

Drug conference (DOD's 1st Drug/Alcohol Conference,
Washington, Sep 1979) a success. Rosemary Pur-
cell. AF Times 40:22 Oct 8 '79

Effect of alcohol and marijuana on eye movements.
Robert W. Baloh and others. illus tabs Aviation,
Space & Envmt Med 50:18-23 Jan '79

Effects of congener and noncongener alcoholic bever-
ages on a clinical ataxia test battery. David J.
Schroeder and William E. Collins. tabs Aviation,
Space & Envmt Med 50:879-887 Sep '79

Eglin (AFB, FL) drug program proves surprise. Jim
I. Swinson, Jr. AF Times 40:22 Nov 26 '79

Flying the morning after the night before. Leon M.
Wise. illus USA Avn Dig 25:31-33 Feb '79

Liquor sales keep clubs afloat: GAO report. Suzanne
Viau. AF Times 39:7 May 14 '79

Rand study: Excessive drinking a big problem. AF
Times 40:10 Nov 5 '79

6.9% of civilian force said 'problem drinkers.' AF
Times 40:24 Jul 30 '79

6.9% of civilians show alcohol problems. Randy Saun-
ders. AF Times 39:2 May 14 '79

Speed, alcohol culprits in motorcycle fatalities. AF
Times 40:34 Sep 17 '79

ALCOHOL AND ALCOHOLISM - Continued

Under the influence. illus MAC Flyer 26:20-21 Jul '79

With goblet and sword. Philip N. Pierce. illus MarCor Gaz 63:41-48 Jun '79

ALERT SYSTEMSSee also

Warning Systems

Active duty Guard aircrews at Pease AFB (NH) are all ready in the "Mole Hole." (Crews spend their seven day stretches on alert duty at a concrete blockhouse) Capt Dick Sheffield. illus Airman 23: 2-6 Oct '79

ALIENS

Foreign born wives--discovering a new world. SSgt James M. Boersema. illus Soldiers 34:36-40 Nov '79

ALL-TERRAIN VEHICLES

The Bv 206 oversnow vehicle. illus tab Intl Def Rev 12, No. 8:1424-1425 '79

The Mercedes-Benz G series--a new family of all-terrain vehicles. Hasso Erb. illus tabs Intl Def Rev 12, No. 4:637-639 '79

The modern battlefield BOC (Battery Operations Center). Capt Lonnie A. Veldhouse. illus tab Fld Arty J 47:17-21 Nov-Dec '79

The new VW 4x4 utility vehicle. Hasso Erb. illus tab Intl Def Rev 12, No. 3:405 '79

Tank retrievers. Edward F. Bashaw. illus Armor 87:38-40 Nov-Dec '78

Volkswagen Iltis--the German Army's new 0.5 ton all-terrain vehicle. Hasso Erb. tab illus (Also cutaway) Intl Def Rev 12:256-258 '79

ALL-WEATHER FLYING

Agusta A.129 MongOOSE--Europe's first day/night anti-tank helicopter. Charles Gilson. illus tabs Intl Def Rev 12, No. 9:1511-1514 '79

Blind flying. CW4 Michael J. Novosel. illus map USA Avn Dig 25:24-31 Jun '79

Tactical instruments: Close encounters of the meteorological kind. Maj Bruce S. Beals. illus USA Avn Dig 25:28-30 Aug '79

ALLEN, Lew, Jr

The central challenge of the 1980s. Gen Lew Allen, Jr. por AF Mag 62:63-66 Nov '79

Challenge for the 1980s: Maintaining the balance. (Presentation, Air Force Assoc National Convention, Washington, Sep 18, 1979) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No. 11:8-14 Nov '79

Focus on quality. Gen Lew Allen, Jr. por AF Mag 62:69 Sep '79

(Gen Lew) Allen decries education drop. por AF Times 40:8 Dec 24 '79

High expectations. (Presentation, Graduating Class of 1979, U.S. Air Force Academy, May 30, 1979) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No. 7:14-16 Jul '79

ALLEN, Lew, Jr - Continued

Important issues. (Presentation, Los Angeles Chamber of Commerce, March 16, 1979) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No. 5:2-7 May '79

Loyalty down is as important as loyalty up. Interview. Gen Lew Allen, Jr. por Armed Forces J Intl 116: 26-29 Feb '79

Modernizing the force. (Presentation, Texas Air Force Assoc Convention, San Antonio, June 30, 1979) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No. 8:6-10 Aug '79

Pay outlook bright. Interview. Gen Lew Allen, Jr. por AF Times 40:4 Dec 3 '79

Readiness, modernization, motivation. Gen Lew Allen, Jr. por AF Mag 62:60+ May '79

The total force. (Presentation, 101st General Conference of the National Guard Assoc of the United States, Cleveland, Oct 10, 1979) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No. 12:14-19 Dec '79

The U.S. Air Force, as we look forward. (Remarks, Air Force Assoc National Convention luncheon for the Chief of Staff, Washington, DC) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No. 12:2-8 Dec '78

ALLIANCES see Treaties and AlliancesALLIED AIR FORCES, CENTRAL EUROPE see Allied Forces, Central EuropeALLIED AIR FORCES, SOUTHERN EUROPE see Allied Forces, Southern EuropeALLIED COMMAND ATLANTIC

The lifeline: Atlantic Command. ADM Harry D. Train II. illus NATO's Fifteen Nations 24:25-27 Oct-Nov '79

NATO's Allied Command Atlantic. ADM Harry D. Train. illus NATO's Fifteen Nations 23:24-27 Special Issue '78

Reflections. ADM Ephraim P. Holmes, Ret. illus NATO's Fifteen Nations 24:34-35 Oct-Nov '79

ALLIED COMMAND CHANNEL

NATO's Channel Command. Adm Henry Leach. illus NATO's Fifteen Nations 23:30-31+ Special Issue '78

Short waves. Adm James Eberle. illus NATO's Fifteen Nations 24:28-29 Oct-Nov '79

ALLIED COMMAND EUROPESee also

Allied Forces, Central Europe
Allied Forces, Northern Europe
Allied Forces, Southern Europe

The Central Region of Allied Command Europe. Gen Franz-Joseph Schulze. illus NATO's Fifteen Nations 24:19-20+ Apr-May '79

General (Bernard W.) Rogers becomes NATO's SACEUR July 1st. illus Armed Forces J Intl 116:18 Apr '79

ALLIED COMMAND EUROPE - Continued

Ground environment for the future: The air defence of Allied Command Europe. Air Commodore E.B. Sismore. (Reprinted from NATO's Fifteen Nations, Aug-Sep 1978) illus Royal Air Forces Qtr 18:345-349+ Winter '78

NATO forces under test--how ACE (TACEVAL program) evaluates combat readiness. Cols Thomas W. Steeves and Dietrich E. Handt. illus NATO's Fifteen Nations 24:46-47+ Aug-Sep '79

New SACEUR (Gen Bernard W. Rogers). illus NATO's Fifteen Nations 24:30 Jun-Jul '79

ALLIED FORCES, CENTRAL EUROPE

Allied Air Forces Central Europe. Interview. Gen John W. Pauly. illus NATO's Fifteen Nations 23: 81-88 Dec '78-Jan '79

The Central Region of Allied Command Europe. Gen Franz-Joseph Schulze. illus NATO's Fifteen Nations 24:19-20+ Apr-May '79

One voice in Europe. Gen George S. Blanchard. illus Army 29:22-26 Jan '79

Sharpening the fighting edge. (Allied Air Forces, Central Europe's Tactical Leadership Program (TLP)) LtCol David Jaquish. illus USAF Ftr Wpns Rev, pp 1-3+, Winter '78

ALLIED FORCES, NORTHERN EUROPE

The Allied Command Naval Forces Baltic Approaches. VAdm Horst von Schroeter. illus NATO's Fifteen Nations 23:36-39 Special Issue '78

Soviet strategy and NATO's northern flank. CAPT William K. Sullivan. illus Nav War Col Rev 32: 26-38 Jul-Aug '79

The strategic situation in Northern Europe: Improvements vital for NATO. R. D. M. Furlong. illus maps tab Intl Def Rev 12, No. 6:899-910 '79

U.S. naval forces and the northern flank of NATO. F. J. West, Jr. illus tabs Nav War Col Rev 32: 15-25 Jul-Aug '79

ALLIED FORCES, SOUTHERN EUROPE

Allied Forces Southern Europe: Testing NATO's southern defence. Maj Lew Lambert. illus NATO's Fifteen Nations 24:85-88 Feb-Mar '79

The American presence in Turkey. Theodore Ross Milton. illus NATO's Fifteen Nations 24:21-22+ Jun-Jul '79

Instability and change on NATO's southern flank. CSIA European Security Working Group. Intl Sec 3:150-177 Winter '78-'79

NATO South: The forgotten flank. James D. Hessman. illus Sea Power 22:17-22 Sep '79

STRIKFORSOUTH (Naval Striking and Support Force Southern Europe). John Marriott. illus tab NATO's Fifteen Nations 23:22-24+ Dec '78-Jan '79

The situation in Greece and Turkey. Frederick Bonhart. illus map NATO's Fifteen Nations 23:28-30+ Dec '78-Jan '79

The southern flank of NATO. ADM Harold E. Shear. illus NATO's Fifteen Nations 23:17-20 Dec '78-Jan '79

ALLIED LAND FORCES, SOUTHEASTERN EUROPE

see Allied Forces, Southern Europe

ALLIED MILITARY IN THE U.S.

See also

Exchange Programs, Military

Foreign military get free health care. Rick Barnard. AF Times 40:4 Aug 20 '79

Kuwait IHawk collective training. Maj Joe C. Gonzales. illus map Air Def Mag, pp 30-34, Apr-Jun '79

Education and Training

More foreign students at academies? AF Times 40:12 Sep 10 '79

"Soldier, where ya' from?" Steve Abbott. illus Soldiers 34:51-53 Apr '79

ALTIMETERS

Pilots are people too. Maj Lionel P. Johnson. illus Interceptor 21:5-9 Apr '79

Radar altimetry. illus MAC Flyer 26:6-7 Dec '79

ALTITUDE, INFLUENCE OF

See also

Aviation--Physiological Aspects

Cardiorespiratory assessment of decongestant-antihistamine effects on altitude, $+G_z$, and fatigue tolerances. Michael T. Lategola and others. tabs Aviation, Space & Envmt Med 50:101-109 Feb '79

Effects of altitude and two decongestant-antihistamine preparations on physiological functions and performance. E. A. Higgins and others. tabs Aviation, Space & Envmt Med 50:154-158 Feb '79

New inventory for the assessment of symptom occurrence and severity at high altitude. John L. Kobrick and James B. Sampson. tabs Aviation, Space & Envmt Med 50:925-929 Sep '79

Response of women mountaineers to maximal exercise during hypoxia. Barbara L. Drinkwater and others. tabs Aviation, Space & Envmt Med 50:657-662 Jul '79

Responses of high altitude natives to a standard cold test at sea level. Lazar Mathew and others. tabs Aviation, Space & Envmt Med 50:372-375 Apr '79

Sickle cell trait and the aviator. Russell B. Rayman. tab Aviation, Space & Envmt Med 50:1170-1172 Nov '79

ALTITUDE FLYING

See also

Flight, Low-Altitude

History

High-altitude pioneering in the P-12. Jeff Ethell. illus AF Mag 62:120+ Sep '79

ALUMINUM see MetalsAMATEUR RADIO OPERATORS (HAMS) see Radio OperatorsAMBUSH see Surprise in Warfare

AMERICAN DEFENSE PREPAREDNESS ASSOCIATION

The ADPA and preparedness. James M. Stone. illus tabs Natl Def 63:28-31+ Mar-Apr '79

(61st Annual Meeting, American Defense Preparedness Assoc, Arlington, VA, May 17, 1979) illus Natl Def 64:60-69 Jul-Aug '79

Directories

Partners in preparedness. illus Natl Def 63:47-128 Mar-Apr '79

AMERICAN FIGHTER ACES ASSOCIATION

The American Fighter Aces Association--rare birds make a comeback. Barret Tillman. illus Aerosp Hist 26:182-184 Sep '79

AMERICAN FORCES RADIO AND TELEVISION SERVICE

House panel (Appropriations Committee) approves funds for satellite television o'seas. AF Times 40:14 Dec 17 '79

A new view on the plain. (American Forces Radio and Television Service brings English-language television to U.S. military bases outside of Tokyo, Japan) Capt Michael Gannon. illus Airman 23:8-13 Jun '79

Safeguarding AFRTS program materials. TIG Brief 31:22 Nov 2 '79

TV o'seas: Sports suffer. AF Times 39:1+ Apr 23 '79

AMERICAN INDIANS

Indian scouts. Philip R. Smith, Jr. illus Soldiers 34: 21-22 May '79

The last man to drop the sash. Michael L. Starr. illus Army 29:41-45 Feb '79

Wagon Box Fight (1867). John Koster. illus Infantry 69:30-33 Nov-Dec '79

AMERICAN LOGISTICS ASSOCIATION

ALA and the 96th Congress. Dan Daniel and others. illus Review 58:25-27+ Jan-Feb '79

(ALA) San Antonio Mid-Western Regional Conference (Jan 8-10, 1979). illus Review 58:40-42+ Jan-Feb '79

ALA's Logistician of the Year reflects on an era of change. William Moran. illus Review 58:22-24+ Nov-Dec '79

ALA's president on 1979. (Interview with Mort Wolfson) illus Review 58:18-20+ Jan-Feb '79

Commissaries and exchanges discussed by military leaders (at American Logistics Assoc Convention, Atlanta, Oct 1978). illus Review 58:34+ Nov-Dec '78

Commissary consolidation: The process of consideration. Review 58:18-19 Jul-Aug '79

New horizons. (ALA's 31st Annual Convention, Atlanta, Oct 22-25, 1978) illus Review 58:12-14+ Nov-Dec '78

Regional conference report: Information and solutions generated at the 1979 ALA Western and Eastern Seminars. illus Review 58:53-54+ May-Jun '79

AMERICAN LOGISTICS ASSOCIATION - ContinuedDirectories

Directory of ALA broker members. Review 58:72+ May-Jun '79

AMERICAN ORDNANCE ASSOCIATION see American Defense Preparedness Association

AMERICAN SOCIETY OF MILITARY COMPTROLLERS

ASMC (American Society of Military Comptrollers) annual awards program. illus Armed Forces Compt 24:22-31 Nov '79

AMERICANS IN FOREIGN COUNTRIES

Joint training--an investment in the future. 1stLt William F. Fellows. illus Air Def Mag, pp 25-27, Jul-Sep '79

Lion country. Steve Abbott. illus Soldiers 34:12-18 Feb '79

U.S. civilians in Europe: Potential hostages of war. Maj W. Hays Parks. US Nav Inst Proc 105:94-95 Apr '79

AMMUNITION

Evolving technology in ammunition demilitarization. Frank Crist. illus Army Log 11:6-9 Jan-Feb '79

Host nation support. (Single Ammunition Logistics System-Korea) LtCol Herbert W. Mylks. illus Army Log 11:2-3 Jan-Feb '79

Intransit security requirements. TIG Brief 31:12 May 18 '79

Small arms: Biting the bullet. John Fullerton. illus Def & For Aff Dig 7, No. 1:29-31 '79

Small-caliber ammunition: The way of the future for NATO. Maj M. N. Geoffrey Hutton. illus tabs Mil Rev 59:26-33 Oct '79

Who makes the bullets? Capt Warren S. Lacy. illus Soldiers 34:15-21 Apr '79

Testing

NATO evaluation of small arms: Ammunition and weapons for the post-1980 period. Edward C. Ezell. illus tabs Intl Def Rev 12, No. 8:1367-1372 '79

AMPHIBIOUS FORCES

The amphibious forces: Coming up short. James D. Hessman. illus Sea Power 22:27-28 Nov '79

Let's take a look at a BLT (Battalion Landing Team) afloat in the Mediterranean. LtCol J. G. Miller. illus MarCor Gaz 63:55-61 Mar '79

USMC and USN: Getting along. Maj G. D. Andresen. MarCor Gaz 63:20-21 Aug '79

U.S. Marine Corps: Separate, but not equal. Col Paul E. Wilson, Ret. illus MarCor Gaz 63:20-27 Jan '79

AMPHIBIOUS OPERATIONS

A demonstration of 'something'; the Marines land at Gitmo. L. Edgar Prina. Sea Power 22:44-45 Nov '79

The dynamic potential of future amphibious assault concepts. Col J. E. Hopkins and LtCol W. R. Warren. illus MarCor Gaz 63:44-51 Mar '79

AMPHIBIOUS OPERATIONS - Continued

The growing Soviet amphibious warfare capability. CAPT Mathew J. Whelan. illus tab US Nav Inst Proc 105:111-115 Aug '79

Helocasting. Capt Lynn E. Lanzoni. illus Infantry 69: 46-48 Sep-Oct '79

Let's take a look at a BLT (Battalion Landing Team) afloat in the Mediterranean. LtCol J.G. Miller. illus MarCor Gaz 63:55-61 Mar '79

Needed: Heavy firepower. CDR Todd Blades, Ret. illus US Nav Inst Proc 105:50-54 Jul '79

Rudder's Rangers. LtCol Ronald L. Lane. illus Soldiers 34:50-53 Dec '79

Rusty hand of steel: The naval raid. LCDR Roger L. Crossland. illus US Nav Inst Proc 105:60-63 Dec '79

Support from the sea. Capt A. Basov. illus map Soviet Mil Rev No. 7:34-36 Jul '79

History

Amphibious assault 1801-style. 1stLt Brendan P. Ryan. illus MarCor Gaz 63:47-51 Jul '79

From where did our amphibious doctrine come? Col James B. Agnew, Ret. illus map MarCor Gaz 63: 52-59 Aug '79

Study and Teaching

Fort Knox's (KY) dryland Navy. LtCol John A. Campbell, Ret. illus Armor 88:16-19 Jul-Aug '79

AMPHIBIOUS VEHICLES

Advances by Engesa in wheeled armoured vehicles. R. M. Ogorkiewicz. illus tab Intl Def Rev 12, No. 2: 259-261 '79

An LVT for the battlefield. Maj Donald A. Gressly. illus tab US Nav Inst Proc 105:66-73 Nov '79

Military hardware developments. illus Def Trans J 35:16-17 Dec '79

AMPHIBIOUS WARFARE see Amphibious Operations

AMPHIBIOUS WARFARE SHIPS

An amphibious heavy lift ship for the Royal Australian Navy. Comdr P.J.M. Shevlin. illus tab US Nav Inst Proc 105:115-116 Aug '79

Countering Soviet Imperialism. Col Joseph E. Hopkins and LtCol William R. Warren. illus tab US Nav Inst Proc 105:58-65 Jun '79

AMPLIFIERS

EW applications of new dual-gate GaAs FETs. Robert J. Hamilton, Jr and Northe K. Osbrink. illus tab Def Elect 11:101-104+ Sep '79

ANCHORAGE AND MOORING OF SHIPS see Ships-- Mooring

ANDERSON, Earl O.

Arms limitation--the second time around. MajGen Earl O. Anderson. por Officer 55:8 Feb '79

ANDERSON, Orvil A.

MajGen Orvil A. Anderson. LtCol John H. Scrivner, Ret. por AF Mag 62:103-105 Jun '79

ANIMALSSee also

Dogs

Home, home on Riley's range. MSgt Matt Glasgow. illus Soldiers 34:18-20 Aug '79

ANIMALS IN RESEARCH

Man, land and animals: Partners in survival. Maj Clifford H. Bernath. illus Soldiers 34:23-25 Oct '79

Stereological ultrastructural analysis of the axonal endings in the neuromuscular junction of rats after a flight on Biosputnik 782. S. Barański and M. Marciniak. tab illus Aviation, Space & Envmt Med 50:14-17 Jan '79

ANNAPOLIS, MD, NAVAL ACADEMY see Naval Academy, Annapolis, Md

ANTARCTIC REGIONS

A new focus on Antarctica. RADM William S. Schwob and Harry M. Tollerton. illus map US Nav Inst Proc 105:42-45 Dec '79

South Pole dome revisited. Don L. Richter. illus Mil Engr 71:2-5 Jan-Feb '79

Strategic Importance

Antarctica, the silent continent, awaits the competition. Michael Morgan. illus map Def & For Aff Dig 7, No. 10:34-36 '79

ANTENNAS

Seafarer, the force multiplier. Jacqueline Srouji. Def & For Aff Dig 7, No. 3:10-11+ '79

ANTI-AIRCRAFT ARTILLERY see Artillery, Anti-aircraft

ANTI-AIRCRAFT MISSILES see Missiles, Anti-aircraft

ANTIBALLISTIC MISSILES see Missile Defense

ANTIMILITARISM see Militarism

ANTISHIP MISSILES see Missiles, Antiship

ANTISUBMARINE WARFARE

ASW: The advantage of experience. LT Alan M. Harms. illus tab US Nav Inst Proc 105:105-109 Sep '79

ASW's passive trap. CDR P. Taylor Lonsdale. illus US Nav Inst Proc 105:34-40 Jul '79

Arapaho gives wings to the convoy. David Harvey. illus Def & For Aff Dig 7, No. 12:28-29+ '79

Atlantic Nouvelle Génération. illus Intl Def Rev 12, No. 1:115-117 '79

Computers add new effectiveness to SOSUS (SOund SURveillance System)/Caesar. Jim Bussert. illus Def Elect 11:59-60+ Oct '79

European naval helicopter requirements and some current solutions. illus tab Intl Def Rev 12, No. 4:562-567 '79

The Mk 48 torpedo. illus Intl Def Rev 12, No. 4: 601-602 '79

ANTISUBMARINE WARFARE - Continued

- Management of ASW systems: A look at rotary wing ASW. LCDR Stephen R. Arends. illus Nav War Col Rev 32:68-76 Mar-Apr '79
- Ocean control: ASW, the Soviet view. Norman L. Stone. illus map tab Mil/Elect Countermeasures pt 1, 5:34-36+ Jun '79; pt 2, 5:32+ Jul '79
- Ocean control: Soviet ASW technology. Jim Bussert. illus tabs Mil Elect/Countermeasures pt 1, 5:40+ Sep '79; pt 2, 5:43+ Nov '79
- Ocean control: Soviet submarine warfare and ASW today. Norman L. Stone. illus tab Mil Elect/Countermeasures pt 1, 5:24+ Aug '79; pt 2, 5:50-52+ Sep '79
- Soviet ASW--highly capable or irrelevant? Norman Polmar. illus tabs Intl Def Rev 12, No. 5:721-729 '79
- Speed in modern warships. Norman Friedman. illus US Nav Inst Proc 105:150-167 May '79
- Surface warships against submarines. CAPT William D. Taylor, Ret. illus US Nav Inst Proc 105:168-181 May '79
- Weapon system series: Sea control-helicopter carrier Garibaldi. Enrico Po. illus tab NATO's Fifteen Nations 24:58-60+ Aug-Sep '79

ANTITANK WEAPONS see

Armored Warfare
Artillery, Antitank
Missiles, Antitank

APPROPRIATIONS AND EXPENDITURESAir Force--U. S.

- Accounting for Air Force nonappropriated funds--does the comptroller really have a role? LtCol Charles L. Martin, Jr. illus Armed Forces Compt 24:8-11 Feb '79
- Contract service request slashed. Don Mace. AF Times 40:4 Aug 6 '79
- Conversion of the military construction program to the five-year account. Lois Nunweiler and John Hunt. illus AF Compt 13:9 Apr '79
- Designing for the Air Force Military Construction Program. Maj Robert Sheppe. tabs Mil Engr 71:26-27 Jan-Feb '79
- The education and training program. (Presentation, Subcommittee on Manpower and Personnel, Senate Armed Services Committee, March 21, 1979) MajGen Charles G. Cleveland. tabs AF Plcy Ltr for Comdrs: Sup No. 6:7-18 Jun '79
- FY 1980 Air Force budget in brief. MajGen Robert Scurlock. tab AF Compt 13:10-13 Apr '79
- O&M funding. tabs AF Compt 13:14 Jan '79
- Operations Budget Review Committee--its power and perseverance. Maj Charles K. Crawford. illus AF Compt 13:10-13 Jan '79

Armed Forces

- Comparisons of defence expenditures 1976-1979. International Institute for Strategic Studies. Table only. AF Mag 62:133 Dec '79

APPROPRIATIONS AND EXPENDITURES - ContinuedArmed Forces--
China (People's Republic)

- Dilemmas for America in China's modernization. Lucian W. Pye. Intl Sec 4:3-19 Summer '79

Armed Forces--France

- French defense: The view from the Ministry of Defense. Justin Galen. illus tabs Armed Forces J Intl 117:44-47 Oct '79

Armed Forces--Russia

- Some economic constraints on defence spending in the Soviet Union. R. T. Maddock. illus tab RUSI J for Def Studies 124:38-43 Sep '79

Armed Forces--U. S.

- Changing military priorities. Gen Maxwell D. Taylor, Ret. AEI For Plcy & Def Rev 1, No. 3:2-13 '79
- The Chiefs speak out as the budgetary noose tightens. L. Edgar Prina. illus Sea Power 22:12-15 Aug '79
- Conferees approve appropriations bill. Andy Plattner. AF Times 40:4 Dec 17 '79
- FY '81 'assumption': 7.4% hike. AF Times 40:3 Dec 10 '79
- Lack of people items in budget upsets Hill leaders. Andy Plattner. AF Times 39:1+ Feb 12 '79
- O'sea BX shoppers to feel funds cut. AF Times 39:3 Jan 29 '79
- Senate kills (military pay) raise try. tab AF Times 40:10 Nov 26 '79
- Senate vote means Loring (AFB, ME) could stay. Richard C. Barnard. AF Times 40:6 Aug 13 '79
- Stetson outlines misconceptions about defense. Officer 55:10-11 Apr '79

Army--U. S.

- Military budget, 1980: No quick cure-all for U.S. defense problems. Eric C. Ludvigsen. illus tabs Army 29:40-43+ Mar '79
- New hardware bow wave drives Army budget, jeopardizes efficient buys and even its missions. Benjamin F. Schemmer. illus tab Armed Forces J Intl 117:20-21+ Oct '79

Coast Guard--U. S.

- FY 1980 budget report: The NATO scenario continues. James D. Hessman and Ellen D. Bottiny. illus tabs Sea Power 22:18-21+ Feb '79

Defense Dept--U. S.

- (Affordability of a Defense program) (Keynote address, Annual International Logistics Symposium, SOLE, 1978) Dale W. Church. illus Log Spectrum 12:11-16 Winter '78
- Appropriations panel (House Defense Appropriations Subcommittee) cuts DOD budget by \$2.2-billion. Robin J. Stein. Armed Forces J Intl 117:6 Sep '79
- Augustine's laws and major system development programs. Norman R. Augustine. tabs Def Sys Mgt Rev 2:50-76 Spring '79

APPROPRIATIONS AND EXPENDITURES - ContinuedDefense Dept--U.S. - Cont'd

- Budget for FY 80: 'Lean and austere.' Tom Philpott. tabs AF Times 39:1+ Feb 5 '79
- Carter's Defense experts advise his budget won't begin to meet President's own global security goals. Benjamin F. Schemmer. Armed Forces J Intl 116:8+ Jun '79
- Carter's FY 80 Defense budget meets NATO's 3% real growth commitment. Benjamin F. Schemmer. tabs Armed Forces J Intl 116:18-19 Feb '79
- Changing military priorities. Gen Maxwell D. Taylor, Ret. AEI For Plcy & Def Rev 1, No. 3:2-13 '79
- Comparing the FY 80 Defense budget with the Soviet defense effort--the US continues to stagger behind. tabs Armed Forces J Intl 116:40-43 Mar '79
- Congress approves (FY '80) appropriations bill. AF Times 40:3 Dec 24 '79
- Congress OKs FY '80 construction bills. Suzanne Viau. AF Times 40:4 Dec 3 '79
- The current budget debate: Implications for defense. Herschel Kanter. illus tabs Strat Rev 7:40-49 Spring '79
- Defense budget shortages. LtGen Ira C. Eaker, Ret. AF Times 40:13-14 Aug 27 '79
- The economic and political restraints on force planning. George Brown and Lawrence Korb. illus Nav War Col Rev 32:51-62 Jul-Aug '79
- FY 1980 budget report: The NATO scenario continues. James D. Hessman and Ellen D. Bottiny. illus tabs Sea Power 22:18-21+ Feb '79
- The FY 80 Defense budget. Bridget Gail and others. tabs Armed Forces J Intl 116:26+ Mar '79
- The FY 1980-1984 Defense program: Issues and trends. Lawrence J. Korb. tabs AEI For Plcy & Def Rev 1, No. 4: entire issue '79
- The fiscal problems of the FY 80 Defense budget--why NATO won't get its 3%, and why it couldn't matter less. illus tabs Armed Forces J Intl 116: 35-38 Mar '79
- House cuts Carter's FY '80 defense budget: 3% commitment to NATO in jeopardy. Deborah M. Kyle. Armed Forces J Intl 117:6 Nov '79
- In focus. Regular feature in issues of Air Force Magazine
- Is this a budget or a "game plan." tabs Armed Forces J Intl 116:38-40 Mar '79
- Issues 1979. Natl Guard 33:8-9+ Jan '79
- A look at the FY 80 budget. tabs AF Times 39:4+ Feb 5 '79
- Measuring the military burden: Fact and fiction. tabs Def Monitor 8: entire issue Jun '79
- Military budget, 1980: No quick cure--all for U.S. defense problems. Eric C. Ludvigsen. illus tabs Army 29:40-43+ Mar '79
- The military-industrial complex: A debate. The nation effectively achieves its objectives. Jacques S. Gansler. illus tabs Def Mgt J 15:2+ Mar-Apr '79

APPROPRIATIONS AND EXPENDITURES - ContinuedDefense Dept--U.S. - Cont'd

- Mission-area resource allocation for Air Force R&D. Col Thomas C. Brandt and others. tabs illus Def Sys Mgt Rev 2:77-92 Spring '79
- New DOD emphasis on electronic warfare and "counter C3" at budget crossroads. Benjamin F. Schemmer. illus tab Armed Forces J Intl 116:14-15+ Feb '79
- New U.S. Defense budget decisions seen highlighted by "meddling." Benjamin F. Schemmer. tabs Armed Forces J Intl 117:8-9 Sep '79
- OMB's FY 80 goal close to NATO 3%; DOD's \$137.7-billion request exceeds it. Benjamin F. Schemmer. tab Armed Forces J Intl 116:6+ Jan '79
- Progress on energy beam weapons. Bonner Day. illus tabs AF Mag 62:62-65 Jul '79
- A proposed Defense budget for FY 1980. illus Command 2: entire issue Mar '79
- The role of Congress in the Defense budget process--a positive view. Michael A. West. Nav War Col Rev 32:88-95 May-Jun '79
- Summary of DOD Annual Report. (Presentation, Senate Armed Services Committee, Washington, Jan 25, 1979) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 3:2-20 Mar '79
- Things, not persons, figure in new budget. Tom Philpott. AF Times 40:1+ Dec 24 '79
- U.S. defense policy: The problem is not more money. Steven L. Canby. tabs AEI For Plcy & Def Rev 1, No. 3:23-36 '79

Marine Corps--U.S.

- The amphibious forces: Coming up short. James D. Hessman. illus Sea Power 22:27-28 Nov '79
- CMC reports on a lean, tough, ready Corps suffering somewhat from budget cutting. (4th annual State of the Corps message) Gen Louis H. Wilson. illus tabs MarCor Gaz 63:26-36 Apr '79
- Facing up to the Spartan fallacy. 1stLt H. T. McLeskey. MarCor Gaz 63:19-20 Mar '79
- How a FMF (Fleet Marine Force) commander manages money. LtCol Walter H. Sklerkowski. tabs MarCor Gaz 63:56-60 Sep '79
- The Posture hearings: Strong verbal support, but cutbacks continue. L. Edgar Prina. illus Sea Power 22:23-27 Mar '79
- President's FY-80 defense budget excludes funds for Corps' AV-8B. MarCor Gaz 63:2 Mar '79

Navy--U.S.

- FY 1980 budget report: The NATO scenario continues. James D. Hessman and Ellen D. Bottiny. illus tabs Sea Power 22:18-21+ Feb '79
- 'A major budget issue': SES decision imminent. L. Edgar Prina. illus Sea Power 22:20-21 Jan '79
- Major Navy weapons programs. Table only. Sea Power 22:22-23 Feb '79

APPROPRIATIONS AND EXPENDITURES - ContinuedNavy--U.S. - Cont'd

Navy programs move ahead in final mark-up sessions. L. Edgar Prina. illus Sea Power 22:41-44 Nov '79

Navy reels from budget cuts and inflation, may face 300-350 ship force in year ahead. Benjamin F. Schemmer. illus Armed Forces J Intl 117:34+ Oct '79

An open letter to the President of the United States. J.J. Spittler. Sea Power 22:3-5 Oct '79

The Posture hearings: Strong verbal support, but cutbacks continue. L. Edgar Prina. illus Sea Power 22:23-27 Mar '79

Pricing ourselves out of the market: The attack submarine program. CAPT Linton F. Brooks. illus tab Nav War Col Rev 32:2-17 Sep-Oct '79

The United States Navy shipbuilding program. tabs illus Def Monitor 8: entire issue May '79

NATO

The fiscal problems of the FY 80 Defense budget-- why NATO won't get its 3%, and why it couldn't matter less. illus tabs Armed Forces J Intl 116: 35-38 Mar '79

APTITUDE

Literacy as a measure: An argument for high quality military manpower. Juri Toornepuu. illus tab Natl Def 63:47-50+ Jan-Feb '79

AQUACULTURE

A whale of a fish story. (Cooperation between Elmendorf AFB and Alaska officials in the construction of a major fish hatchery on the base) Maj Charles D. Mosbrugger. illus AF Engrg & Svcs Qtr 20:27-28 Feb '79

ARAB-ISRAELI CONFLICT, 1967-See also

Middle East War, 1973

Camp David and its aftermath. John Patrick Walsh. illus Educ J 21:54-71 '78/'79

The Israeli incursion into Lebanon, March 1978 (Operations Adwan Kemal and Litani). Edgar O'Ballance. Army Qtr 108:284-297 Jul '78

ARABIAN PENINSULA

Arms and the Arabs: Can the AOI (Arab Organization for Industrialization) work? Michael Moodie. illus Def & For Aff Dig 7, No.2:16-17+ '79

Strategic Importance

Turmoil in southern Arabia. Lewis B. Ware. illus Mil Rev 59:51-54 Nov '79

ARCHITECTURE

Chapel, clubhouse, med facility top designs. illus AF Times 39:48 May 14 '79

United States

A-E (Architect-Engineer) firms--a vital Air Force resource. MajGen William D. Gilbert. illus Mil Engr 71:11-14 Jan-Feb '79

ARCHITECTURE - ContinuedUnited States - Cont'd

Air Force architecture: Creative answers through design. Col Sydney E. Key, Ret. illus AF Engrg & Svcs Qtr 20:2-5 May '79

Air Force community center. Theodore T. Shierk. illus AF Engrg & Svcs Qtr 20:23-25+ May '79

Design approaches to recycling buildings. 1stLt Shaune Liles. illus AF Engrg & Svcs Qtr 20:14-16 Nov '79

Design art and the quality of facilities. Ferhunde Elgun. illus AF Engrg & Svcs Qtr 20:10-14 May '79

Dining hall upgrade projects: A tough recipe. Capt James Waltman. illus AF Engrg & Svcs Qtr 20: 30-32 May '79

From the inside out. Gary Lynn. illus AF Engrg & Svcs Qtr 20:15-17+ May '79

The image of a revitalized base (Moody AFB, GA). LtCol Robert H. Lynch. illus AF Engrg & Svcs Qtr 20:24-25 Aug '79

New home for the Air Force Engineering and Services Center. Maj Jeffrey H. Markey. illus AF Engrg & Svcs Qtr 20:2-5+ Nov '79

The 1978 Air Force Design Awards. illus AF Engrg & Svcs Qtr 20:18-19 May '79

A people oriented search for excellence. (Air Force Regional Civil Engineer) Gary D. Lynn. illus AF Engrg & Svcs Qtr 20:14-16 Feb '79

Quality design requires no magic. Foster A. Hockett. illus AF Engrg & Svcs Qtr 20:20-22 May '79

A study of the architect and architecture: How to improve both. LtCol David G. Scheatzle. illus tab AF Engrg & Svcs Qtr 20:6-8 May '79

ARCHIVESUnited States

The Archives: Government's troubled information manager. John F. Judge. Govt Exec 11:13+ Sep '79

NARS (National Archives and Records Service): An accurate cost measure of word processing for managers. tab Govt Exec 11:18+ Sep '79

The word on word processing: Step back and reassess. Govt Exec 11:22+ Jan '79

ARCTIC REGIONSStrategic Importance

Changing perspectives in the North: The impact of resource discoveries and modern weapons technology. Eivind Berdal. illus NATO's Fifteen Nations 24:73-76 Jun-Jul '79

ARCTIC TRAINING

Army Guard training in Norway sharpens winter warfare skills. illus Natl Guard 33:14-16+ Jun '79

Aviation in the Arctic. CW3 Lyle M. Rizk. illus USA Avn Dig 25:24-27 Jan '79

Jack Frost. Maj Don N. Levy and others. illus Air Reservist 31:16-17 Apr '79

ARCTIC TRAINING - Continued

Jack Frost '79. SSgt Don Carr. illus Soldiers 34: 41-44 Jun '79

Jack Frost '79--north to Alaska. illus Natl Guard 33:28-30 Mar-Apr '79

Staying' alive. (Arctic Survival Training School, Eielson AFB, AK) MSgt David B. Drachlis. illus Airman 23:27-30 May '79

ARGENTINAForeign RelationsBrazil

Security, influence, and nuclear weapons: The case of Argentina and Brazil. Stephen M. Gorman. map Parameters 9:52-65 Mar '79

ARMAMENTSee also

Artillery
Munitions
Ordnance

also subdivision under specific subjects, e.g.,
Airplanes, Military--Armament
Helicopters, Military--Armament
Ships--Armament
Tanks, Military--Armament

France

Independence and integration--French armaments policy. Frederick Bonnart. illus NATO's Fifteen Nations 24:43-44+ Apr-May '79

United States

Armament: The business end of the Air Force. Edgar Ulsamer. illus AF Mag 62:40-46 Dec '79

Focus on American armament. G.M. Bailly-Cowell. illus tabs NATO's Fifteen Nations pt 1, 22:26-29+ Dec '77-Jan '78; pt 2, 23:20+ Feb-Mar '78; pt 3, 23:40-43+ Jun-Jul '78; pt 3-2, 23:58-59+ Dec '78-Jan '79

History

History lesson (at the Air Force Armament Museum). Millie Roberts. AF Times 40:55 Dec 24 '79

ARMAMENT DEVELOPMENT AND TEST CENTER see Armament DivisionARMAMENT DIVISION

Armament: The business end of the Air Force. Edgar Ulsamer. illus AF Mag 62:40-46 Dec '79

ARMED FORCESSee also

General Purpose Forces
Interservice Cooperation
Strategic Forces

also subdivision under specific subjects, e.g.,
Appropriations and Expenditures--Armed Forces--U.S.

Officers--Armed Forces--U.S.
Promotion--Armed Forces--U.S.

What is "the National Guard" in other nations? Col Bruce Jacobs. illus tab Natl Guard 33:8-10+ Aug '79

ARMED FORCES - ContinuedStatistics

Comparative strengths of armed forces, 1958-1979. International Institute for Strategic Studies. Table only. AF Mag 62:132 Dec '79

Comparisons of military manpower 1975-1979. International Institute for Strategic Studies. Table only. AF Mag 62:134 Dec '79

The Military Balance: 1978/79. London's International Institute for Strategic Studies. illus tabs Aerosp Intl 14: entire issue Dec '78-Jan '79

The Military Balance: 1979/80. International Institute for Strategic Studies. illus tabs AF Mag 62:61-135 Dec '79

AfghanistanStatistics

Afghanistan. International Institute for Strategic Studies. Tables only. AF Mag 62:107 Dec '79

Africa, Sub-Saharan

Africa begins the change. Gregory Copley. illus tab Def & For Aff Dig 7, No. 10:6-9+ '79

The arming of Sub-Saharan Africa. James W. Abelera. tabs AEI Def Rev 2:44-53 '78

U.S. security interests and Africa south of the Sahara. Gen Bruce Palmer, Jr, Ret. maps tabs AEI Def Rev 2:2-43 '78

Statistics

Sub-Saharan Africa. International Institute for Strategic Studies. illus tabs AF Mag 62:99-103 Dec '79

AlbaniaStatistics

Albania. International Institute for Strategic Studies. Tables only. AF Mag 62:89 Dec '79

AlgeriaStatistics

Algeria. International Institute for Strategic Studies. Tables only. AF Mag 62:93 Dec '79

AngolaStatistics

Angola: People's Republic of. International Institute for Strategic Studies. Tables only. AF Mag 62:100 Dec '79

ArgentinaStatistics

Argentina. International Institute for Strategic Studies. Tables only. AF Mag 62:114 Dec '79

AsiaStatistics

Other Asian countries and Australasia. International Institute for Strategic Studies. illus tabs AF Mag 62:106-112 Dec '79

ARMED FORCES - ContinuedAustralasiaStatistics

Other Asian countries and Australasia. International Institute for Strategic Studies. illus tabs AF Mag 62:106-112 Dec '79

Australia

The Australian Armed Forces in transition. B.D. Beddie. Armed Forces & Soc 5:414-430 Spring '79

Statistics

Australia. International Institute for Strategic Studies. Tables only. AF Mag 62:107 Dec '79

AustriaStatistics

Austria. International Institute for Strategic Studies. Tables only. AF Mag 62:89-90 Dec '79

BahrainStatistics

Bahrain. International Institute for Strategic Studies. Tables only. AF Mag 62:93-94 Dec '79

BangladeshStatistics

Bangladesh. International Institute for Strategic Studies. Tables only. AF Mag 62:107-108 Dec '79

Belgium

Belgium: A fully committed partner. Paul Vanden Boeynants. illus NATO's Fifteen Nations 24:37+ Oct-Nov '79

Cross-roads of Europe: Armed Forces of Belgium in NATO. LtGen Baron M. Donnet. illus NATO's Fifteen Nations 24:40-41+ Feb-Mar '79

Statistics

Belgium. International Institute for Strategic Studies. Tables only. AF Mag 62:76 Dec '79

BoliviaStatistics

Bolivia. International Institute for Strategic Studies. Tables only. AF Mag 62:114 Dec '79

BrazilStatistics

Brazil. International Institute for Strategic Studies. Tables only. AF Mag 62:114+ Dec '79

BruneiStatistics

Brunei. International Institute for Strategic Studies. Tables only. AF Mag 62:108 Dec '79

BulgariaStatistics

Bulgaria. International Institute for Strategic Studies. Tables only. AF Mag 62:72 Dec '79

ARMED FORCES - ContinuedBurmaStatistics

Burma. International Institute for Strategic Studies. Tables only. AF Mag 62:108 Dec '79

CambodiaStatistics

Kampuchea (Cambodia). International Institute for Strategic Studies. Table only. AF Mag 62:109 Dec '79

CameroonStatistics

Cameroon. International Institute for Strategic Studies. Tables only. AF Mag 62:100 Dec '79

Canada

Canada's contribution and problems. Paul Hellyer. illus NATO's Fifteen Nations 24:42-43+ Oct-Nov '79

Canada's contribution to the defence of Europe. John Gellner. illus NATO's Fifteen Nations 24:54-57 Apr-May '79

Living north of the border. Capt Dick Sheffield. illus Airman 23:44-48 Apr '79

A survey of aerobic fitness levels in a Canadian military population. W.S. Myles and C.L. Allen. tabs Aviation, Space & Envt Med 50:813-815 Aug '79

Statistics

Canada. International Institute for Strategic Studies. Tables only. AF Mag 62:82 Dec '79

CeylonStatistics

Sri Lanka (Ceylon). International Institute for Strategic Studies. Tables only. AF Mag 62:112 Dec '79

ChileStatistics

Chile. International Institute for Strategic Studies. Tables only. AF Mag 62:117 Dec '79

China (People's Republic)

China arms sales are big business. map tabs Elect Warfare/Def Elect 11:50-52 Jan '79

China touches the tigers' bottoms. MajGen Robert N. Ginsburgh, Ret. illus AF Mag 62:40-45 Jun '79

China visit: A military assessment. Capt William R. Heaton, Jr. illus Army 29:22-26 Nov '79

China's military potential: A growing U.S. dilemma. Bonner Day. map illus AF Mag 62:38-42 Jan '79

Statistics

China. International Institute for Strategic Studies. illus tabs AF Mag 62:104-105 Dec '79

ARMED FORCES - ContinuedChina (Republic)Statistics

China: Republic of (Taiwan). International Institute for Strategic Studies. Tables only. AF Mag 62:108 Dec '79

ColombiaStatistics

Colombia. International Institute for Strategic Studies. Tables only. AF Mag 62:117 Dec '79

CongoStatistics

Congo. International Institute for Strategic Studies. Tables only. AF Mag 62:100 Dec '79

CubaStatistics

Cuba. International Institute for Strategic Studies. Tables only. AF Mag 62:117-118 Dec '79

CyprusStatistics

Cyprus. International Institute for Strategic Studies. Tables only. AF Mag 62:94 Dec '79

CzechoslovakiaStatistics

Czechoslovakia. International Institute for Strategic Studies. Tables only. AF Mag 62:72 Dec '79

Denmark

The strategic situation in Northern Europe: Improvements vital for NATO. R. D. M. Furlong. illus maps tab Intl Def Rev 12, No. 6:899-910 '79

Statistics

Denmark. International Institute for Strategic Studies. Tables only. AF Mag 62:82 Dec '79

Dominican RepublicStatistics

Dominican Republic. International Institute for Strategic Studies. Tables only. AF Mag 62:118 Dec '79

EcuadorStatistics

Ecuador. International Institute for Strategic Studies. Tables only. AF Mag 62:118 Dec '79

Egypt

Libya: Military spearhead against Sadat? Dennis Chaplin. illus Mil Rev 59:42-50 Nov '79

Statistics

Egypt. International Institute for Strategic Studies. Tables only. AF Mag 62:94 Dec '79

ARMED FORCES - ContinuedEthiopiaStatistics

Ethiopia. International Institute for Strategic Studies. Tables only. AF Mag 62:100 Dec '79

EuropeStatistics

The East-West theatre balance in Europe. International Institute for Strategic Studies. tabs AF Mag 62:120-125 Dec '79

Other European countries. International Institute for Strategic Studies. tabs illus AF Mag 62:89-91 Dec '79

FijiStatistics

Fiji. International Institute for Strategic Studies. Tables only. AF Mag 62:108 Dec '79

FinlandStatistics

Finland. International Institute for Strategic Studies. Tables only. AF Mag 62:90 Dec '79

France

The changing missions and structure of the French Air Force in the 1980s: The views of the senior planner. Justin Galen. tab Armed Forces J Intl 117:18+ Nov '79

The French Republic. Col Wilfred L. Ebel. illus Mil Rev 59:49-56 Aug '79

Statistics

France. International Institute for Strategic Studies. Tables only. AF Mag 62:82+ Dec '79

GabonStatistics

Gabon. International Institute for Strategic Studies. Tables only. AF Mag 62:100 Dec '79

Germany (Democratic Republic)Statistics

German Democratic Republic. International Institute for Strategic Studies. Tables only. AF Mag 62:72 Dec '79

Germany (Federal Republic)

Civil-military relations in the Federal Republic of Germany. Ralf Zoll, ed. tabs Armed Forces & Soc 5: entire issue Summer '79

Decreasing distance and growing curiosity: Social sciences and the military in West Germany, a survey of recent studies. Wilfried von Bredow. Armed Forces & Soc 5:669-686 Summer '79

Effects of military service on the political socialization of draftees. Roland Wakenhut. Trans by Rolf A. Trautsch. tabs Armed Forces & Soc 5:626-641 Summer '79

ARMED FORCES - ContinuedGermany (Federal Republic) - Cont'd

The emergence of the Bundeswehr as a pressure group. James A. Linger. tabs Armed Forces & Soc 5:560-589 Summer '79

From Scharnhorst to Schmidt: The system of education and training in the German Bundeswehr. Hans Eberhard Radbruch. tabs Armed Forces & Soc 5:606-625 Summer '79

The German aspect. Hans Apel. illus NATO's Fifteen Nations 24:56-58+ Oct-Nov '79

German civil-military relations: The problem of legitimacy. Ralf Zoll. tabs Armed Forces & Soc 5:523-559 Summer '79

The German officer corps: Caste or class? Detlef Bald. tabs Armed Forces & Soc 5:642-668 Summer '79

Public opinion and security policy: The West German experience. Ralf Zoll. tabs Armed Forces & Soc 5:590-605 Summer '79

Statistics

The emergence of the Bundeswehr as a pressure group. James A. Linger. tabs Armed Forces & Soc 5:560-589 Summer '79

Germany: Federal Republic of. International Institute for Strategic Studies. Tables only. AF Mag 62:85+ Dec '79

GhanaStatistics

Ghana. International Institute for Strategic Studies. Tables only. AF Mag 62:100 Dec '79

Great Britain

The Armed Forces and industrial disputes in the United Kingdom. Geoffrey Marshall. Armed Forces & Soc 5:270-280 Winter '79

Unions and the Armed Forces. Maj K.G.F. Dann. RUSI J for Def Studies 124:72-74 Mar '79

History

Amphibious assault 1801-style. 1stLt Brendan P. Ryan. illus MarCor Gaz 63:47-51 Jul '79

Statistics

Britain. International Institute for Strategic Studies. Tables only. AF Mag 62:76+ Dec '79

GreeceStatistics

Greece. International Institute for Strategic Studies. Tables only. AF Mag 62:86 Dec '79

GuatemalaStatistics

Guatemala. International Institute for Strategic Studies. Tables only. AF Mag 62:118 Dec '79

GuineaStatistics

Guinea. International Institute for Strategic Studies. Tables only. AF Mag 62:101 Dec '79

ARMED FORCES - ContinuedHondurasStatistics

Honduras. International Institute for Strategic Studies. Tables only. AF Mag 62:118 Dec '79

Hungary

Hungary. International Institute for Strategic Studies. Tables only. AF Mag 62:73 Dec '79

IndiaStatistics

India. International Institute for Strategic Studies. Tables only. AF Mag 62:108-109 Dec '79

IndonesiaStatistics

Indonesia. International Institute for Strategic Studies. Tables only. AF Mag 62:109 Dec '79

Iran

Iranian defense expenditures and the social crisis. Theodore H. Moran. Intl Sec 3:178-192 Winter '78-'79

Iran's Armed Forces: 1972 and 1978. D.D. Sargent. Army Qtr 109:275-279 Jul '79

Statistics

Iran. International Institute for Strategic Studies. Tables only. AF Mag 62:94 Dec '79

IraqStatistics

Iraq. International Institute for Strategic Studies. Tables only. AF Mag 62:94-95 Dec '79

IrelandStatistics

Eire. International Institute for Strategic Studies. Tables only. AF Mag 62:90 Dec '79

IsraelStatistics

Israel. International Institute for Strategic Studies. Table only. AF Mag 62:95 Dec '79

ItalyStatistics

Italy. International Institute for Strategic Studies. Tables only. AF Mag 62:86-87 Dec '79

Ivory CoastStatistics

Ivory Coast. International Institute for Strategic Studies. Tables only. AF Mag 62:101 Dec '79

Japan

Japan and the shifting Asian balance. James E. Dornan, Jr. AF Mag 62:53-59 Feb '79

ARMED FORCES - ContinuedJapan - Cont'd

The Japanese SDF: Tiger or pussycat? Col William V. Kennedy. illus map Army 29:14-21 Nov '79

Japan's Army and the modern Japanese military system. Raymond Lamont Brown. map illus RUSI J for Def Studies 123:31-37 Dec '78

Statistics

Japan. International Institute for Strategic Studies. Tables only. AF Mag 62:109 Dec '79

JordanStatistics

Jordan. International Institute for Strategic Studies. Tables only. AF Mag 62:95 Dec '79

KenyaStatistics

Kenya. International Institute for Strategic Studies. Tables only. AF Mag 62:101 Dec '79

Korea (Democratic People's Republic)Statistics

Korea: Democratic People's Republic (North). International Institute for Strategic Studies. Tables only. AF Mag 62:109-110 Dec '79

Korea (Republic)Statistics

Korea: Republic of (South). International Institute for Strategic Studies. Tables only. AF Mag 62:110 Dec '79

KuwaitStatistics

Kuwait. International Institute for Strategic Studies. Tables only. AF Mag 62:95 Dec '79

LaosStatistics

Laos. International Institute for Strategic Studies. Tables only. AF Mag 62:110 Dec '79

Latin America

The political impact of U.S. military aid to Latin America--institutional and individual effects. John Samuel Fitch. tabs Armed Forces & Soc 5:360-386 Spring '79

Statistics

Latin America. International Institute for Strategic Studies. illus tabs AF Mag 62:113-114+ Dec '79

LebanonStatistics

Lebanon. International Institute for Strategic Studies. Tables only. AF Mag 62:95 Dec '79

ARMED FORCES - ContinuedLibya

Libya: Military spearhead against Sadat? Dennis Chaplin. illus Mil Rev 59:42-50 Nov '79

Statistics

Libya. International Institute for Strategic Studies. Tables only. AF Mag 62:96 Dec '79

LuxembourgStatistics

Luxembourg. International Institute for Strategic Studies. Tables only. AF Mag 62:87 Dec '79

MalaysiaStatistics

Malaysia. International Institute for Strategic Studies. Tables only. AF Mag 62:110 Dec '79

MaliStatistics

Mali. International Institute for Strategic Studies. Tables only. AF Mag 62:101 Dec '79

MaltaStatistics

Malta. International Institute for Strategic Studies. Tables only. AF Mag 62:96 Dec '79

Mediterranean RegionStatistics

The Middle East and the Mediterranean. International Institute for Strategic Studies. illus tabs AF Mag 62:92-98 Dec '79

MexicoStatistics

Mexico. International Institute for Strategic Studies. Tables only. AF Mag 62:118-119 Dec '79

Middle EastStatistics

The Middle East and the Mediterranean. International Institute for Strategic Studies. illus tabs AF Mag 62:92-98 Dec '79

MongoliaStatistics

Mongolia. International Institute for Strategic Studies. Tables only. AF Mag 62:110-111 Dec '79

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Morocco. International Institute for Strategic Studies. Tables only. AF Mag 62:96 Dec '79

ARMED FORCES - ContinuedMozambiqueStatistics

Mozambique. International Institute for Strategic Studies. Tables only. AF Mag 62:101 Dec '79

NATO

Cross-roads of Europe: Armed Forces of Belgium in NATO. LtGen Baron M. Donnet. illus NATO's Fifteen Nations 24:40-41+ Feb-Mar '79

NATO forces under test--how ACE (TACEVAL program) evaluates combat readiness. Cols Thomas W. Steeves and Dietrich E. Handt. illus NATO's Fifteen Nations 24:46-47+ Aug-Sep '79

Statistics

The East-West theatre balance in Europe. International Institute for Strategic Studies. tabs AF Mag 62:120-125 Dec '79

The North Atlantic Treaty. International Institute for Strategic Studies. illus tabs AF Mag 62:74-76+ Dec '79

NepalStatistics

Nepal. International Institute for Strategic Studies. Tables only. AF Mag 62:111 Dec '79

Netherlands

The credibility of NATO is essential to peace. W. Scholten. illus NATO's Fifteen Nations 24:81+ Oct-Nov '79

Statistics

Netherlands. International Institute for Strategic Studies. Tables only. AF Mag 62:87 Dec '79

New ZealandStatistics

New Zealand. International Institute for Strategic Studies. Tables only. AF Mag 62:111 Dec '79

NigeriaStatistics

Nigeria. International Institute for Strategic Studies. Tables only. AF Mag 62:101-102 Dec '79

Norway

The strategic situation in Northern Europe: Improvements vital for NATO. R. D. M. Furlong. illus maps tab Intl Def Rev 12, No. 6:899-910 '79

Statistics

Norway. International Institute for Strategic Studies. Tables only. AF Mag 62:87-88 Dec '79

OmanStatistics

Oman. International Institute for Strategic Studies. Tables only. AF Mag 62:96 Dec '79

ARMED FORCES - ContinuedPakistanStatistics

Pakistan. International Institute for Strategic Studies. Tables only. AF Mag 62:111 Dec '79

Papua New GuineaStatistics

Papua New Guinea. International Institute for Strategic Studies. Tables only. AF Mag 62:111 Dec '79

ParaguayStatistics

Paraguay. International Institute for Strategic Studies. Tables only. AF Mag 62:119 Dec '79

PeruStatistics

Peru. International Institute for Strategic Studies. Tables only. AF Mag 62:119 Dec '79

Philippines (Republic)Statistics

Philippines. International Institute for Strategic Studies. Tables only. AF Mag 62:111-112 Dec '79

PolandStatistics

Poland. International Institute for Strategic Studies. Tables only. AF Mag 62:73 Dec '79

PortugalStatistics

Portugal. International Institute for Strategic Studies. Tables only. AF Mag 62:88 Dec '79

QatarStatistics

Qatar. International Institute for Strategic Studies. Tables only. AF Mag 62:96 Dec '79

RhodesiaStatistics

Zimbabwe-Rhodesia. International Institute for Strategic Studies. Tables only. AF Mag 62:103 Dec '79

RumaniaStatistics

Romania. International Institute for Strategic Studies. Tables only. AF Mag 62:73 Dec '79

Russia

Army of developed socialism. Capt V. Puzik. illus Soviet Mil Rev No. 1:2-6 Jan '79

Combat cohesion in Soviet and American military units. Maj Richard A. Gabriel. illus Parameters 8:16-27 Dec '78

ARMED FORCES - ContinuedRussia - Cont'd

- Comparative military ranks--U.S. and USSR. Table only. AF Mag 62:98 Mar '79
- Interior Service Regulations. Col A.Kropotov. Soviet Mil Rev No.9:24-25 Sep '79
- Party development in the Armed Forces of the USSR. ColGen M.Sobolev. illus Soviet Mil Rev No.5:2-5 May '79
- Russia's growing minorities problem. Harriet Fast Scott. map tabs AF Mag 62:62-66 Oct '79
- Scientific and technological progress and the Armed Forces. ColGen N.Alexeyev. illus Soviet Mil Rev No.2:2-7 Feb '79
- Soviet military report. Regular feature in some issues of Defense & Foreign Affairs Digest
- Top leaders of the Soviet Armed Forces. Harriet Fast Scott. illus AF Mag 62:94 Mar '79
- World hegemony through military superiority. Edgar Ulsamer. tabs AF Mag 62:40-47 Mar '79

History

- Lenin and the Soviet Armed Forces. A.F.Myasnikov and others. illus Soviet Mil Rev No.12:12p sup Dec '79

Organization

- Organization of Soviet Armed Forces. charts tabs AF Mag 62:95-97 Mar '79
- Soviet military cadres during the war (WW II). Gen I.Shkadov. illus Soviet Mil Rev No.4:2-6 Apr '79
- The Soviet strategic leadership during the war. LtGen M.Kiryan. illus Soviet Mil Rev No.6:2-5 Jun '79
- The Soviet Union's growing arsenal of chemical warfare. John Erickson. illus Strat Rev 7:63-71 Fall '79

Statistics

- Russia's growing minorities problem. Harriet Fast Scott. map tabs AF Mag 62:62-66 Oct '79
- The Soviet Union. International Institute for Strategic Studies. illus tabs AF Mag 62:68-70 Dec '79
- The United States and the Soviet Union. International Institute for Strategic Studies. illus tabs AF Mag 62:64-70 Dec '79

Saudi ArabiaStatistics

- Saudi Arabia. International Institute for Strategic Studies. Tables only. AF Mag 62:96-97 Dec '79

Schleswig-Holstein

- The strategic situation in Northern Europe: Improvements vital for NATO. R.D.M.Furlong. illus maps tab Intl Def Rev 12, No.6:899-910 '79

SenegalStatistics

- Senegal. International Institute for Strategic Studies. Tables only. AF Mag 62:102 Dec '79

ARMED FORCES - ContinuedSingaporeStatistics

- Singapore. International Institute for Strategic Studies. Tables only. AF Mag 62:112 Dec '79

Somali Democratic RepublicStatistics

- Somali Democratic Republic. International Institute for Strategic Studies. Tables only. AF Mag 62:102 Dec '79

South Africa (Republic)Statistics

- South Africa. International Institute for Strategic Studies. Tables only. AF Mag 62:102-103 Dec '79

Spain

- Spain's doubts on the Atlantic journey. Antonio Sánchez-Gijón. illus NATO's Fifteen Nations 23: 61-63+ Feb-Mar '79

Organization

- Spain and its defense organization. LtCol J.Sánchez Méndez and others. illus chart Intl Def Rev pt 1, The Armed Forces. 12, No.9:1489-1494 '79

Statistics

- Spain. International Institute for Strategic Studies. Tables only. AF Mag 62:90-91 Dec '79

SudanStatistics

- Sudan. International Institute for Strategic Studies. Tables only. AF Mag 62:97 Dec '79

SwedenStatistics

- Sweden. International Institute for Strategic Studies. Tables only. AF Mag 62:91 Dec '79

Switzerland

- Aspects of the relationship between military and society in Switzerland. Karl Haltiner and Ruth Meyer. tabs illus Armed Forces & Soc 6:49-81 Fall '79

- The militia Army of Switzerland. Capt Regis P.Sheehan. illus chart tab Mil Rev 59:34-40 Oct '79

- Switzerland and her defences. John Marriott. (Condensed from Military Technology and Economics, No.5, 1978) illus NATO's Fifteen Nations 24:109-110+ Feb-Mar '79

Statistics

- Switzerland. International Institute for Strategic Studies. Tables only. AF Mag 62:91 Dec '79

SyriaStatistics

- Syria. International Institute for Strategic Studies. Tables only. AF Mag 62:97-98 Dec '79

ARMED FORCES - ContinuedTanzaniaStatistics

Tanzania. International Institute for Strategic Studies. Tables only. AF Mag 62:103 Dec '79

ThailandStatistics

Thailand. International Institute for Strategic Studies. Tables only. AF Mag 62:112 Dec '79

TunisiaStatistics

Tunisia. International Institute for Strategic Studies. Tables only. AF Mag 62:98 Dec '79

TurkeyStatistics

Turkey. International Institute for Strategic Studies. Tables only. AF Mag 62:88 Dec '79

UgandaStatistics

Uganda. International Institute for Strategic Studies. Tables only. AF Mag 62:103 Dec '79

United Arab EmiratesStatistics

United Arab Emirates (UAE). International Institute for Strategic Studies. Tables only. AF Mag 62:98 Dec '79

United States

Acquiring new values in military bureaucracies: A preliminary model. Richard A. Gabriel. illus J Pol & Mil Sociol 7:89-102 Spring '79

Changing military priorities. Gen Maxwell D. Taylor. Ret. AEI For Plcy & Def Rev 1, No. 3:2-13 '79

The Chiefs speak out as the budgetary noose tightens. L. Edgar Prina. illus Sea Power 22:12-15 Aug '79

Combat cohesion in Soviet and American military units. Maj Richard A. Gabriel. illus Parameters 8:16-27 Dec '78

Comparative military ranks--U.S. and USSR. Table only. AF Mag 62:98 Mar '79

Lack of people items in budget upsets Hill leaders. Andy Plattner. AF Times 39:14 Feb 12 '79

Matching our military character with our contemporary culture. MajGen R.C. Schulze. illus MarCor Gaz 63:43-48 Sep '79

U.S. military report. Regular feature in some issues of Defense & Foreign Affairs Digest

Statistics

The United States. International Institute for Strategic Studies. illus tabs AF Mag 62:66-67 Dec '79

ARMED FORCES - ContinuedUnited States - Cont'dStatistics - Cont'd

The United States and the Soviet Union. International Institute for Strategic Studies. illus tabs AF Mag 62:64-70 Dec '79

What's ahead in the 80's--some projections for the all-volunteer Armed Forces. Joseph Ober. tabs Review 58:28-31 Nov-Dec '79

UruguayStatistics

Uruguay. International Institute for Strategic Studies. Tables only. AF Mag 62:119 Dec '79

VenezuelaStatistics

Venezuela. International Institute for Strategic Studies. Tables only. AF Mag 62:119 Dec '79

Vietnam (Socialist Republic)Statistics

Vietnam: Socialist Republic of. International Institute for Strategic Studies. Tables only. AF Mag 62:112 Dec '79

Warsaw Pact

The collective treatment of defence in the Warsaw Pact states. F. Rubin. RUSI J for Def Studies 123: 43-49 Dec '78

The Warsaw Pact battle order. John Fullerton. Def & For Aff Dig 7, No. 1:36-37+ '79

Statistics

The East-West theatre balance in Europe. International Institute for Strategic Studies. tabs AF Mag 62:120-125 Dec '79

The Warsaw Pact. International Institute for Strategic Studies. illus tabs AF Mag 62:71-73 Dec '79

YemenStatistics

Yemen Arab Republic (North). International Institute for Strategic Studies. Tables only. AF Mag 62:98 Dec '79

Yemen (People's Democratic Republic)Statistics

Yemen: People's Democratic Republic (South). International Institute for Strategic Studies. Tables only. AF Mag 62:98 Dec '79

YugoslaviaStatistics

Yugoslavia. International Institute for Strategic Studies. Tables only. AF Mag 62:91 Dec '79

Zaire RepublicStatistics

Zaire. International Institute for Strategic Studies. Tables only. AF Mag 62:103 Dec '79

ARMED FORCES - ContinuedZambiaStatistics

Zambia. International Institute for Strategic Studies. Tables only. AF Mag 62:103 Dec '79

ARMED FORCES COMMUNICATIONS AND ELECTRONICS ASSOCIATION

AFCEA '79: Accent on C3I. illus Intl Def Rev 12, No.7:1189-1194 '79

AFCEA ROTC, scholarship and Service academy awards, 1979) illus Signal 34:79-85 Sep '79

(AFCEA's 33d Annual Convention Program, Washington, June 19-21, 1979) illus Signal 33:20-21+ May-Jun '79

(AFCEA's 33d Convention Report, Washington, June 19-21, 1979) illus Signal 33: entire issue Aug '79

Directories

AFCEA's new directors, class of 1983. illus Signal 34:57-61 Oct '79

1979 AFCEA sustaining and group member capabilities directory. illus Signal 33:63-127 Jan '79

ARMED FORCES DAY

Armed Forces Day special. Command 2: entire issue Special Edition '79

ARMED FORCES IN EUROPE

Arms control status report. NATO's Fifteen Nations 24:58 Apr-May '79

ARMED FORCES INSTITUTE OF PATHOLOGY

AFIP (Armed Forces Institute of Pathology): To conquer disease. Janet Hake. illus Soldiers 34:11-13 Jul '79

ARMED SERVICES COMMITTEE--HOUSE OF REPRESENTATIVES see Congress--U.S.ARMED SERVICES COMMITTEE--SENATE see Congress--U.S.ARMORSee also

Armored Vehicles
Armored Warfare

Education and Training

Armor training. Capt Barry S.Sprouse. illus Soldiers 34:6-10 Aug '79

Knights in armor: Across the Texas range in a broken-down dumpster. Fred Reed. illus AF Times, Times Magazine sup:6-12+ May 21 '79

Reserve Component armor training. Capt Samuel T. Conn III. illus Armor 88:13-14 May-Jun '79

RussiaHistory

Prelude to disaster. Eric J.Grove. illus Armor 88: 15-19 May-Jun '79

ARMOR - ContinuedSweden

The Swedish armor battalion. Cpts F.R.Thomas and P.I.Olsson. illus tabs Armor 88:27-29 Mar-Apr '79

United States

Forging the thunderbolt (at Armor School). Regular feature in issues of Armor

The Infantry's armor. 2dLt Dale Wilson. illus Soldiers 34:11-12 Aug '79

OPMD-EPMD armor. Regular feature in issues of Armor

The U.S. armoured combat vehicle technology program--a closer look. R.M.Ogorkiewicz. illus Intl Def Rev 12, No.5:811-815 '79

ARMOR ASSOCIATION see United States Armor AssociationARMORED CENTERS AND SCHOOLS

Armor training. Capt Barry S.Sprouse. illus Soldiers 34:6-10 Aug '79

Australian Armoured Centre. Cpts John Muir and David W.Marlin. illus Armor 88:34-38 Nov-Dec '79

Forging the thunderbolt (at Armor School). Regular feature in issues of Armor

Night training simulations. Paul R.Bleda and Robert W.Bauer. tabs illus Armor 88:39-42 May-Jun '79

ARMORED FORCES see ArmorARMORED PERSONNEL CARRIERS see Armored VehiclesARMORED VEHICLESSee also

Tanks, Military

Advances by Engesa in wheeled armoured vehicles. R.M.Ogorkiewicz. illus tab Intl Def Rev 12, No.2: 259-261 '79

Armoured Infantry? Capt Luigi Rossetto. Army Qtr 109:147-152 Apr '79

Army accepts XM2 prototypes from contractor. illus Officer 55:10 Mar '79

The Bv 206 oversnow vehicle. illus tab Intl Def Rev 12, No.8:1424-1425 '79

The Centaur half-track: Foreign interest prompts production decision. illus tab Intl Def Rev 12, No.2:249-251 '79

The fire support combat vehicle: A powerful new member of the M113 family. Rudi Meller. illus tab Intl Def Rev 12, No.2:252-255 '79

Future Infantry armored vehicles. Richard M. Ogorkiewicz. illus Armor 87:24-28 Nov-Dec '78

IFV (Infantry Fighting Vehicle). Eric C.Ludvigsen. illus Army 29:26-30 Jun '79

The Infantry Fighter Vehicle. Col Daniel K.Malone. illus Natl Def 64:40-45+ Jul-Aug '79

ARMORED VEHICLES - Continued

- Infantry Fighting Vehicle (IFV). Col D.Ryazantsev. illus Soviet Mil Rev No.11:24-26 Nov '79
- An LVT for the battlefield. Maj Donald A.Gressly. illus tab US Nav Inst Proc 105:66-73 Nov '79
- Light heavyweight. David G.Holmes. illus Armor 88:35-38 May-Jun '79
- O, for a horse with wings. David Harvey. illus tab Def & For Aff Dig 7, No.9:4-7+ '79
- SAFE--a fire and explosion suppression system for combat vehicles. Rudi Meller. illus Intl Def Rev 12, No.1:75-76 '79
- The SIBMAS multi-role armoured vehicle. LtCol P.Crèvecoeur. illus tab Intl Def Rev 12, No.4: 633-636 '79
- SdKfz 251--Schützenpanzerwagen. Robert P.Arnoldt. illus tab Armor 88:26-29 Jan-Feb '79
- Tank-automotive news. Regular feature in some issues of National Defense
- Tank destroyers. Maj Charles M.Baily. illus Armor 88:7-13 Jul-Aug '79
- The U.S. armoured combat vehicle technology program--a closer look. R.M.Ogorkiewicz. illus Intl Def Rev 12, No.5:811-815 '79
- What is ARMVAL? (Advanced antiarmor vehicles) MarCor Gaz 63:7 Jul '79
- Wheeled vehicles for mobility. Capt Richard A. Stewart. MarCor Gaz 63:22-23 Apr '79
- XM-2 and 3. illus tabs Armor 88:30-34 May-Jun '79

History

- Charging wagons, battle taxis, APCs--and IFVs. Capt Edwin W.Besch. illus Army 29:30-35 Jun '79

Maintenance and Repair

- Operation and maintenance of Infantry Fighting Vehicles (IFVs). Col I.Dmitriyev. illus Soviet Mil Rev No.11:26-27 Nov '79

Safety Measures

- Countering the crew-compartment explosion--an automatic fire suppression system from Hughes. R.J.L.Dicker. illus tab Intl Def Rev 12, No.5:816-818 '79

ARMORED WARFARESee also

Missiles, Antitank

- The airborne antiarmor defense. Maj Theodore T. Sendak. illus Mil Rev 59:43-51 Sep '79
- Anti-tank warfare. John Marriott. illus NATO's Fifteen Nations 24:60-62+ Apr-May '79
- Armoured Infantry? Capt Luigi Rossetto. Army Qtr 109:147-152 Apr '79
- Battle positions. Maj Patrick J.Bodolson and Capt Dwight C.McLemore. illus Armor 88:5-10 Mar-Apr '79

ARMORED WARFARE - Continued

- Carl Gustaf--a weapon that works! Maj M.R.Janay. illus Mil Rev 59:59-63 Jan '79
- Defending the battery. Capt Larry A.Altersitz. illus Fld Arty J 47:30-33 May-Jun '79
- Division restructuring: A battalion commander's view. LtCol Richard F.Kolasheski. illus Armor 87:18-23 Nov-Dec '78
- The helicopter--design frontier, airborne visibility. BrigGen Samuel G.Cockerham, Ret. illus tabs USA Avn Dig 25:1-5 Dec '79
- Israeli defense of the Golan. (Interview with BrigGen Avigdor Kahalani) Maj Geoffrey G.Proesch. illus Mil Rev 59:2-13 Oct '79
- Marines, smoke, burning tanks. Capt Gary W.Anderson. illus MarCor Gaz 63:20-21 Oct '79
- A new breed--active defense cavalymen. Maj Michael A.Andrews. illus Armor 88:20-22 Jul-Aug '79
- Some thoughts on cavalry. MajGen George S.Patton. illus Armor 88:26-29 May-Jun '79
- The Soviet armoured threat and NATO anti-armour capabilities. FO R.G.Smith. Army Qtr 109:153-161 Apr '79
- Soviet tactics for overcoming NATO anti-tank defenses. C.N.Donnelly. illus tabs Intl Def Rev 12, No.7:1099-1106 '79
- Tactical problems facing the Soviet Army: Recent debates in the Soviet military press. C.N.Donnelly. (Reprinted from International Defense Review, Vol 11, No.9, 1978) illus Mil Rev pt 1, 59:18-26 Jun '79; pt 2, 59:60-68 Jul '79
- Tank destroyers. Maj Charles M.Baily. illus Armor 88:7-13 Jul-Aug '79
- The tank killers. Sgt R.T.Edwards. illus Army 29: 28-31 Feb '79
- Tank versus helicopter. LtCol Charles W.Abbey. Armor 87:34-36 Nov-Dec '78
- Terrain analysis. LtCol Joseph C.Gross III and Maj Harry B.Beam. illus Armor 88:17-20 Jan-Feb '79

History

- Charging wagons, battle taxis, APCs--and IFVs. Capt Edwin W.Besch. illus Army 29:30-35 Jun '79
- Kasserine Pass. Henry E.Gardner. illus map Armor 88:12-17 Sep-Oct '79

ARMS CONTROLSee also

Disarmament

- Arms control enters the gray area. Robert Metzger and Paul Doty. tabs Intl Sec 3:17-52 Winter '78-'79
- Arms control status report. NATO's Fifteen Nations 24:58 Apr-May '79
- Arms control status report: SALT II--weighing in for the SALT fight. NATO's Fifteen Nations 24:92 Aug-Sep '79

ARMS CONTROL - Continued

- Arms control status report: SALT and Europe. Lothar Ruehl. NATO's Fifteen Nations 24:70-71 Jun-Jul '79
- Arms control status report II. NATO's Fifteen Nations 24:52 Feb-Mar '79
- Arms limitation--the second time around. MajGen Earl O. Anderson. illus Officer 55:8 Feb '79
- "... beyond cavil, for the Russians will surely cavil." Interview. Robert F. Ellsworth. illus Armed Forces J Intl 116:54-57 Jun '79
- Brezhnev may have killed SALT. LtGen Ira C. Eaker, Ret. AF Times 40:13-14 Nov 19 '79
- (C3, the communications industry, and SALT II) (Key-note luncheon address, AFCEA Convention, Washington, June 19, 1979) Sen John W. Warner. illus Signal 33:21-23 Aug '79
- Challenge for the 1980s: Maintaining the balance. (Presentation, Air Force Assoc National Convention, Washington, Sep 18, 1979) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No. 11:8-14 Nov '79
- Changing balance of power. (Presentation, Metropolitan Presidents' Organization, New York, Oct 16, 1979) LtGen John S. Pustay. AF Plcy Ltr for Comdrs: Sup No. 12:27-36 Dec '79
- Concerning assurances and verification. Editorial. Sea Power 22:7 Oct '79
- Congressional expectations of SALT II. Jack F. Kemp. illus Strat Rev 7:16-25 Winter '79
- A conversation with Dr Harold Brown, Secretary of Defense. Interview. Harold Brown. illus Command Plcy 2:2-7 Nov '79
- Cruise missile developments in the aftermath of SALT II. F. Clifton Berry, Jr. illus Interavia 34: 760-764 Aug '79
- Curing the Nunn illusion: Striking a bargain for SALT. Justin Galen. Armed Forces J Intl 117:52+ Oct '79
- Détente and an adequate American defense. LtCol Joseph W. Kastl. illus AU Rev 30:20-25 Sep-Oct '79
- Digging in for debate on SALT II. AF Times 39:10 May 28 '79
- The economics of arms control. Roger Zane George. tabs Intl Sec 3:94-125 Winter '78-'79
- Essential equivalence: The end of the nuclear deterrent myth. LtCol Norbert Hannig, Ret. illus tabs Intl Def Rev 12, No. 2:179-183 '79
- The Euronuclear balance of forces. Hubertus Hoffmann and Rolf Steiner. illus NATO's Fifteen Nations 24:169-171+ Oct-Nov '79
- The future of the strategic deterrent. (Presentation, Air Force Assoc, Los Angeles, Aug 3, 1979) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup No. 10:2-7 Oct '79
- How little is enough? Francis P. Hoerber. Intl Sec 3: 53-73 Winter '78-'79
- How to deal with the Russians: The basics of negotiation. Clare Boothe Luce. AF Mag 62:30-33 Apr '79

ARMS CONTROL - Continued

- In the absence of SALT. Michael Nacht. Intl Sec 3: 126-137 Winter '78-'79
- The international situation and SALT. Harold Brown. illus tabs Command 2: entire issue Apr '79
- Is SALT II good for the U.S.? Edgar Ulsamer. illus AF Mag 62:43-47 Sep '79
- It's not just the language. (U.S.-Soviet relations) Robert G. Kaiser. illus Natl Guard 33:28-29+ Feb '79
- JCS views on SALT. (Presentation, Senate Foreign Relations Committee on SALT II, July 11, 1979) David C. Jones. AF Plcy Ltr for Comdrs: Sup No. 9:2-9 Sep '79
- The Joint Chiefs on SALT II. LtGen Ira C. Eaker, Ret. AF Times 40:15-16 Aug 6 '79
- The legacy of SALT I: Soviet deception and U.S. retreat. David S. Sullivan. illus Strat Rev 7:26-41 Winter '79
- The MX and SALT II. Interavia 34:730 Aug '79
- The MX ICBM: Why we need it. Colin S. Gray. AF Mag 62:66-68+ Aug '79
- Maintaining stable deterrence. McGeorge Bundy. Intl Sec 3:5-16 Winter '78-'79
- Making SALT work. Editorial. Richard Hartman. illus Def Elect 11:13-14 Aug '79
- Modernizing the force. (Presentation, Texas Air Force Assoc Convention, San Antonio, June 30, 1979) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No. 8:6-10 Aug '79
- National technical means of verification. Robert F. Hanke. map illus Mil Engr 71:308 Sep-Oct '79
- The nature of SALT II. Armed Forces J Intl 116: 43-45 Jun '79
- Naval power and Soviet global strategy. Michael McGwire. Intl Sec 3:134-189 Spring '79
- The Navy's stake in SALT. LT James L. George, Ret. illus Sea Power 22:23-27 Jul '79
- Negotiating with the Russians. Interview. LtGen Edward L. Rowny, Ret. illus AF Mag 62:48-50+ Sep '79
- No more "concave curves": An alternative to SALT II amendments. Editorial. Justin Galen and Benjamin F. Schemmer. Armed Forces J Intl 116:4 Jul '79
- No substitutes for military preparedness. Interview. Gen David C. Jones. illus AF Mag 62:44-48 May '79
- Nuclear strategy: The case for a theory of victory. Colin S. Gray. Intl Sec 4:54-87 Summer '79
- The other gas crisis--chemical weapons. Charles H. Bay. Parameters pt 1, 9:70-80 Sep '79
- Participation of the European states in the SALT III negotiations. Hubertus Hoffmann and Rolf Steiner. illus NATO's Fifteen Nations 24:78-80+ Jun-Jul '79
- Pentagon covered-up unprecedented 1978 USSR strategic arms build-up. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 116:14+ Mar '79

ARMS CONTROL - Continued

Perspectives on strategic arms limitations. Lawrence J. Korb and George F. Brown, Jr. illus tab Nav War Col Rev 32:51-59 May-Jun '79

The porcupine theory of nuclear proliferation: Shortening the quills. Louis René Beres. illus Parameters 9:31-37 Sep '79

The ratification of SALT II. Charles Yost. tabs Mil Engr 71:315-317 Sep-Oct '79

SALT I leaks vs SALT II leaks. W. Donald Stewart. Armed Forces J Intl 116:27+ Jul '79

SALT II: A European perspective. Manfred Wörner. illus Strat Rev 7:9-15 Summer '79

SALT II and CPD (Committee on the Present Danger): The debate continues. L. Edgar Prina. illus Sea Power 22:29-31 Apr '79

SALT II and NATO Europe: An interview with the UK Secretary of Defence (Francis Pym). R. D. M. Furlong. Intl Def Rev 12, No.8:1286 '79

SALT II and verification: Adequacy and advocacy. Amrom H. Katz. Mil Engr 71:309-314 Sep-Oct '79

SALT II: Better than alternative forms of U.S. inferiority. tabs Armed Forces J Intl 116:45-46+ Jun '79

SALT II "loopholes." Jake Garn. Natl Def 64:38-39+ Sep-Oct '79

SALT II: One small step for mankind. tabs Def Monitor 8: entire issue Jul '79

The SALT II paradox. Editorial. A.G.B. Metcalf. Strat Rev 7:9-12 Fall '79

SALT II: The path of security and peace. (Address, American Newspaper Publishers Assoc, New York, April 25, 1979) James E. Carter. AF Plcy Ltr for Comdrs: Sup No.7:2-10 Jul '79

The SALT II verification myth. Jake Garn. illus Strat Rev 7:16-24 Summer '79

SALT and the emerging strategic threat. Peter Hughes. illus tab AF Mag 62:48-53 Mar '79

SALT and the Navy. LT James L. George, Ret. illus tabs US Nav Inst Proc 105:28-37 Jun '79

A SALT debate: Continued Soviet deception. David S. Sullivan. illus Strat Rev 7:29-38 Fall '79

SALT debate aids defense awareness. Edgar Ulsamer. illus AF Mag 62:36-41 Oct '79

A SALT debate: Hard but fair bargaining. Walter Slocombe. illus Strat Rev 7:22-28 Fall '79

SALT: Due later in year, proposal will consist of three parts. AF Times 39:22 Jan 22 '79

SALT, strategy and Atlantic relations. Phil Williams. RUSI J for Def Studies 124:50-54 Mar '79

(SALT superiority) Justin Galen and others. tabs Armed Forces J Intl pt 1, The SALT decade: 116:19-23+ May '79; pt 2, SALT II and the strategy of inferiority. 116:34+ Jun '79

SALT under the Carter administration. J.I. Coffey. illus tabs Nav War Col Rev 31:6-29 Winter '79

ARMS CONTROL - Continued

SALTing the strategic balance. Bob Carr. illus tab NATO's Fifteen Nations 23:36-41 Dec '78-Jan '79

Scrambling and spying in SALT II. Strobe Talbott. Intl Sec 4:3-21 Fall '79

Six U.S. perspectives on Soviet foreign policy intentions. Robert J. Pranger. AEI For Plcy & Def Rev 1, No.5: entire issue '79

Soviet nuclear doctrine. Mark B. Schneider. Natl Def 63:51-53 Jan-Feb '79

"The Soviets are tough negotiators." Interview. LtGen George M. Seignious II. illus Armed Forces J Intl 116:34-40 Aug '79

Strategic "doctrine" and SALT: Soviet and American views. Robert Legvold. (Condensed from Survival, Jan-Feb 1979) illus Mil Rev 59:30-38 Aug '79

Strategic force modernization plan. William J. Perry. illus Command Plcy 2: entire issue May '79

Strategic military balance. (Presentation, Senate Committee on Foreign Relations, July 11, 1979) Harold Brown. AF Plcy Ltr for Comdrs: Sup No.9: 10-21 Sep '79

Strategic reconnaissance and the verification of the SALT II agreement. Alexander Scott. Armed Forces J Intl 116:30-31+ Jun '79

A strategy--or a capacity for revenge? Gen T.R. Milton, Ret. AF Mag 62:33 Jul '79

The terrible strategy of terror: A French perspective. Col Marc Geneste, Ret. illus Strat Rev 7: 23-31 Spring '79

Total force. ADM Elmo R. Zumwalt, Jr, Ret. illus US Nav Inst Proc 105:88-107 May '79

UK/NATO nuclear options for the 1980s. illus map Intl Def Rev 12, No.9:1487-1488 '79

U.S. military power in the 1980s. (Presentation, Economic Club of Detroit, May 15, 1979) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No.7:17-24 Jul '79

U.S. strategic weapons developments and the implications of SALT. illus Intl Def Rev 12, No.3:367-371 '79

Verification and the ICBM shell-game. Stephen M. Meyer. Intl Sec 4:40-68 Fall '79

"War Without Winners": A handbook of questions and answers on nuclear war. illus Def Monitor 8: entire issue Feb '79

Why SALT? Editorial. Richard Pipes. Strat Rev 7: 5-7 Spring '79

Why U.S. influence is declining in Latin America. Bonner Day. map illus tabs AF Mag 62:52-57 May '79

Will SALT II survive in the U.S. Senate? Ramon Lopez. illus Intl Def Rev 12, No.5:700-701 '79

History

Echoes of the 1930s. Richard Perle. illus Strat Rev 7:11-15 Winter '79

SALT and the emerging strategic threat. Peter Hughes. illus tab AF Mag 62:48-53 Mar '79

ARMS INDUSTRY AND TRADE

Industrial periscope: A business, technological & scientific news bulletin. Regular feature in some issues of NATO's Fifteen Nations

Major defense contracts--value over \$1 million. Regular feature in issues of International Defense Review

Egypt

Egypt revitalizes its defense industry. Gregory Copley. Def & For Aff Dig 7, No.9:32+ '79

France

Satory VII. illus tabs Intl Def Rev 12, No.7:1203-1210 '79

Satory VII: The French armaments industry healthier than ever. Yves Robins. illus NATO's Fifteen Nations 24:63 Jun-Jul '79

Great Britain

Defence sales. Ronald Ellis. illus RUSI J for Def Studies 124:3-9 Jun '79

Mexico

Mexico moves to achieve arms self-sufficiency. Def & For Aff Dig 7, No.12:39 '79

NATO

Industrial considerations in transatlantic weapons cooperation. Robert A. Gessert. illus tabs Intl Def Rev pt 1, European industry and political perspectives. 12, No.6:921-930 '79; pt 2, Alternative approaches and some implications for the future. 12, No.7:1131-1135 '79

Third World

Defining 3rd World defense industries. illus Def & For Aff Dig 7, No.5:6-10 '79

ARMS RACE

Defense technology: Moving into space. Edgar Ulamer. AF Mag 62:46-51 Jun '79

The developing countries and the arms race. A. Kutsenkov. Soviet Mil Rev No. 1:47-49 Jan '79

Mobilisation in the nuclear age. Paul Bracken. illus tabs Intl Sec 3:74-93 Winter '78-'79

Neutron bomb options. Andrew W. Hull. illus Natl Def 63:34-37+ Jan-Feb '79

Pentagon covered-up unprecedented 1978 USSR strategic arms build-up. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 116:14+ Mar '79

SALT II "loopholes." Jake Garn. Natl Def 64:38-39+ Sep-Oct '79

ARMS SALES

The arming of Sub-Saharan Africa. James W. Abelera. tabs AEI Def Rev 2:44-53 '78

Arms transfer tables. Regular feature in issues of Defense & Foreign Affairs Digest

Changing role of the military adviser. LtCol John G. Coburn. Army Log 11:36-37 Jan-Feb '79

ARMS SALES - Continued

China arms sales are big business. map tabs Elect Warfare/Def Elect 11:50-52 Jan '79

Defence sales. Ronald Ellis. illus RUSI J for Def Studies 124:3-9 Jun '79

FRG AWACS buy tied to U.S. 120mm gun deal. Armed Forces J Intl 116:15 Jan '79

First SecDef to visit Middle East, Brown tries to "pick up the pieces." illus tab Armed Forces J Intl 116:20-21+ Mar '79

Foreign military sales and grant aid--a new AFLC delivery reporting system. Norris L. Bayless. illus tab AF Compt 13:40-42 Apr '79

Growing dilemmas for the management of arms sales. Paul Y. Hammond and others. tabs Armed Forces & Soc 6:1-21 Fall '79

IAI (Israeli Aircraft Industries) goal: \$100-million in sales to DOD next year, ease technology transfer. Benjamin F. Schemmer. illus Armed Forces J Intl 116:12+ Aug '79

Independence and integration--French armaments policy. Frederick Bonmart. illus NATO's Fifteen Nations 24:43-44+ Apr-May '79

Industrial considerations in transatlantic weapons cooperation. Robert A. Gessert. illus tabs Intl Def Rev pt 1, European industry and political perspectives. 12, No.6:921-930 '79; pt 2, Alternative approaches and some implications for the future. 12, No.7:1131-1135 '79

Israel's quest for military independence. Bonner H. Day. illus NATO's Fifteen Nations 23:52-56 Dec '78-Jan '79

Italy gears up for a new phase in naval sales. (Interview with Ugo Mazza) Ezio Bonsignore. illus Def & For Aff Dig 7, No.9:39-40 '79

Latin America and North American arms. David Harvey. illus Def & For Aff Dig 7, No.1:12-16+ '79

Mexico moves to achieve arms self-sufficiency. Def & For Aff Dig 7, No.12:39 '79

New directions in the international defense trade. Gregory R. Copley. illus tabs Def & For Aff Dig 7, No.2:6-8+ '79

Satory VII--spearhead of French arms exports. illus Armed Forces J Intl 116:28 Jun '79

Satory VII--the French armaments shop seen from the air. illus Aerosp Intl 15:13-16 Jun-Jul '79

(Senate) report: Arms restraint won't work. AF Times 39:49 May 14 '79

Soviet weapons exports: Russian roulette in the Third World. tabs map Def Monitor 8: entire issue Jan '79

Sterling: Moving in the market. (Interview with James Edmiston) John Fullerton. Def & For Aff Dig 7, No.1:40-41 '79

Turning the supertanker: Arms transfer restraint. Lucy Wilson Benson. tab Intl Sec 3:3-17 Spring '79

U.S. arms sales and the Carter White House. Henry T. Simmons. illus Intl Def Rev 12, No.3:339-343 '79

ARMS SALES - Continued

Why U.S. influence is declining in Latin America.
Bonner Day. map illus tabs AF Mag 62:52-57
May '79

ARMSTRONG, Neil A.

Aviation Hall of Fame (to enshrine Neil A. Armstrong,
Anne M. Lindbergh, Charles F. Kettering, and
Sherman M. Fairchild). por AF Times 40:59
Jul 30 '79

ARMYSee also

Armor

Artillery

Infantry

also subdivision under specific subjects, e.g.,
Education and Training--Army--U.S.

Biography

Generalship. MajGen I. B. Holley, Jr. illus AU Rev
30:68-79 Jul-Aug '79

Henry Knox--the father of American artillery. Capt
Richard L. Heit. illus Fld Arty J 47:48-51 Sep-
Oct '79

Sereno Brett: A profile in Armor. Maj John H. Raudy.
illus Armor 88:8-9 Jan-Feb '79

Corps, Divisions, etcSee also

Transportation Units

Statistics

Average strength of military formations. International
Institute for Strategic Studies. Table only. AF Mag
62:132 Dec '79

Sweden

The Swedish armor battalion. Capts F. R. Thomas
and P. I. Olsson. illus tabs Armor 88:27-29 Mar-
Apr '79

United StatesSee also

Missile Units

The 32d AADCOM: Air defense in Europe--a coopera-
tive effort. illus Air Def Mag, pp 6-10, Jul-Sep '79

The 38th Air Defense Artillery Brigade. Capt Robert
W. Taylor. illus Air Def Mag, pp 8-11, Oct-Dec '79

Air Cavalry Attack Troop (ACAT). Capt Gordon E.
Sayre. illus tabs Armor 87:10-15 Nov-Dec '78

125th Air Traffic Control Battalion (Corps): "Guard-
ian of the skies in Korea." Sgt Steve Davis. illus
USA Avn Dig 25:10-11 May '79

The 82d Airborne Division. illus tabs Infantry 69:
15-21 Mar-Apr '79

Bullets, beaches and bayonets--a look at Fort Ord
(CA). MSgt Matt Glasgow. illus Soldiers 34:45-48
Jun '79

The 24th Infantry Division. SP5 Jack Loudermilk.
illus Infantry 69:12-14 Jul-Aug '79

The 5th Infantry Division (Mech). LtCol Charles L.
Wascom. illus Infantry 69:14-19 May-Jun '79

ARMY - ContinuedCorps, Divisions, etc - Cont'dUnited States - Cont'd

The Infantry's armor. 2dLt Dale Wilson. illus Sol-
diers 34:11-12 Aug '79

The 5th USA Artillery Group (AD)--a NATO assign-
ment. Capt Oscar Mendez. illus Air Def Mag,
pp 19-21, Jul-Sep '79

United States--Organization

C³I. Alex Dumbrigue. illus Air Def Mag, pp 21-26,
Jan-Mar '79

DRS (Division Restructure Study), a battery com-
mander's perspective. Capt Kenneth R. Knight.
illus Fld Arty J 47:44-47 Jan-Feb '79

Division restructuring: A battalion commander's
view. LtCol Richard F. Kolasheski. illus Armor
87:18-23 Nov-Dec '78

EgyptHistory

Nizam--Egypt's Army in the 19th century. David
Nicolle. Army Qtr pt 1, 108:69-78 Jan '78; pt 2,
108:177-187 Apr '78

Germany

Effectiveness and cohesion of the German ground
forces in World War II. W. Victor Madej. tabs
J Pol & Mil Sociol 6:233-248 Fall '78

History

Foot soldiers of the German Empire. John Koster.
illus Infantry 69:35-40 May-Jun '79

Great Britain

Management services within the Army. Alan Hunt.
Army Qtr 108:220-226 Apr '78

Israel

Israeli defense of the Golan. (Interview with BrigGen
Avigdor Kahalani) Maj Geoffrey G. Prosch. illus
Mil Rev 59:2-13 Oct '79

Korea (Republic)

Host nation support. (Single Ammunition Logistics
System-Korea) LtCol Herbert W. Mylks. illus
Army Log 11:2-3 Jan-Feb '79

Luxembourg

Luxembourg--smallest partner of the Alliance. Emile
Kriepe. illus NATO's Fifteen Nations 24:77-78
Oct-Nov '79

New GranadaHistory

Social mobility in the reformed Army of colonial New
Granada--a historical analysis. Allan J. Kuethe.
Armed Forces & Soc 5:431-450 Spring '79

Russia

Engineer capabilities of the Soviet and Warsaw Pact
Armies. James E. Deaton. illus Mil Engr 71:416-
423 Nov-Dec '79

ARMY - ContinuedRussia - Cont'd

Soviet Army wave attack philosophy: The single-echelon option. P.H.Vigor. illus Intl Def Rev 12, No.1:43-46 '79

Unity of the Army and the people. Col N.Sedov. Soviet Mil Rev No.3:7-9 Mar '79

History

Mikhail Frunze--from professional revolutionary to leader of the Red Army. LtCol E.J.Everett-Heath. Army Qtr 109:195-202 Apr '79

The pride of Russia (Alexander Vasilyevich Suvorov (1729-1800)). Maj N.Shakhmagonov. illus Soviet Mil Rev No.11:43-45 Nov '79

Seventy years on: Similarities between the modern Soviet Army and its Tsarist predecessor. Christopher Bellamy. illus RUSI J for Def Studies 124: 29-38 Sep '79

United StatesSee also

Army Health Services Command
Army Materiel Development and Readiness Command
Army Mobility Equipment Research and Development Command

Forces Command
Military Traffic Management Command
Signal Corps
Training and Doctrine Command

The all-volunteer Army: Hard facts and hard choices. Robin Beard. illus Strat Rev 7:42-46 Summer '79

Army energy savers. SSgt James M. Boersema. illus Soldiers 34:45-48 Nov '79

Army energy to 2000. tabs Army Log 11:17-19 Jan-Feb '79

Authoritarian attitudes in the United States Army. E.M.Schreiber. tabs Armed Forces & Soc 6:122-131 Fall '79

Fulfilling mission means being ready to fight anytime, anywhere. Gen Edward C.Meyer. illus Army 29: 18-21 Oct '79

Host nation support. (Single Ammunition Logistics System-Korea) LtCol Herbert W.Mylks. illus Army Log 11:2-3 Jan-Feb '79

Logistically speaking--posture of the Army. tab Army Log 11:8-11 May-Jun '79

Logistics and force readiness. LtGen Arthur J.Gregg. illus Army Log 11:2-5 Nov-Dec '79

The missing link. Maj John P.Rose. Armor 88:9-11 Nov-Dec '79

New Chief of Staff (Gen Edward C.Meyer). illus Soldiers 34:2 Jul '79

New Sergeant Major of the Army (SMA William A. Connelly). illus Soldiers 34:2 Jul '79

(1979 Green Book: Status reports, command and staff directory, weapons directory) illus Army 29: entire issue Oct '79

Portrait of a first sergeant (Isaac Guest, Jr). MSgt Matt Glasgow. illus Soldiers 34:28-34 Aug '79

ARMY - ContinuedUnited States - Cont'd

A smaller Army? Adapting to the all-volunteer situation. Col William L.Hauser. illus Parameters 9: 2-7 Sep '79

Total Army readiness--force packaging is the key. MSgt Matt Glasgow. Soldiers 34:10 Jun '79

Where have all the soldiers gone? Bob Gatty. illus Army 29:28-29 Nov '79

Where the dawn comes up like thunder: The Army's future role in the Pacific. Col Ward M.Le Hardy. illus Parameters 8:37-46 Dec '78

A word to today's Army. Gen Edward C.Meyer. illus Natl Guard 33:13 Sep '79

History

Generalship. MajGen I.B.Holley, Jr. illus AU Rev 30:68-79 Jul-Aug '79

The last man to drop the sash. Michael L.Starr. illus Army 29:41-45 Feb '79

Lincoln as CinC. Col H.G.Summers, Jr. illus Army 29:38-42 Sep '79

Militant April. Maj John A.Reichley. Mil Rev 59: 20-24 Apr '79

Officers and politicians: The origins of Army politics in the United States before the Civil War. William B.Skelton. Armed Forces & Soc 6:22-48 Fall '79

The old Army. MSgt Patrick E.Andrews, Ret. illus Infantry 69:31-34 Sep-Oct '79

Organization

Force modernization: Big job, big rewards. MajGen Richard D.Lawrence. illus Army 29:27-28 Oct '79

Support unit improvement program. MajGen Thomas D.Ayers. illus map Army Log 11:41-43 Sep-Oct '79

Warsaw Pact

Engineer capabilities of the Soviet and Warsaw Pact Armies. James E.Deaton. illus Mil Engr 71:416-423 Nov-Dec '79

ARMY, 8th

The 38th Air Defense Artillery Brigade. Capt Robert W.Taylor. illus Air Def Mag, pp 8-11, Oct-Dec '79

On watch in Korea: Stress and challenge. Gen John A. Wickham, Jr. illus Army 29:66-71 Oct '79

Directories

Eighth U.S. Army. Army 29:114-115 Oct '79

ARMY, EUROPE

The 32d AADCOM: Air defense in Europe--a cooperative effort. illus Air Def Mag, pp 6-10, Jul-Sep '79

Assignment: Europe. Steve Abbott. illus Soldiers 34: 16-23 Jan '79

Establishing the Army's funding-to-readiness relationship in USAREUR. MajGen Elton J.Delaune, Jr and others. illus tabs Def Mgt J 15:4-9 May-Jun '79

ARMY, EUROPE - Continued

- Lion country. Steve Abbott. illus Soldiers 34:12-18 Feb '79
- The "nuclear" ARTEP in USAREUR--an idea whose time has come. LtCol Robert B. Rosenkranz. illus tab Fld Arty J 47:16-19 Jul-Aug '79
- Terrorism--countering the threat in USAREUR. Capt Edwin C. Partridge. illus Air Def Mag, pp 32-34, Oct-Dec '79
- USAREUR logistics in the eighties. MajGen Sampson H. Bass, Jr. illus Army Log 11:32-37 Sep-Oct '79
- U.S. Army, Europe, hones NATO's cutting edge. Gen Frederick J. Kroesen. illus Army 29:44-47 Oct '79
- War in Europe: The enemy is troop drug use. Marion M. Corddry. illus tab Army 29:34-37 Jan '79
- Winter Reforger and Certain Sentinel--the machines and the people. Pictorial. NATO's Fifteen Nations 24:121-124 Apr-May '79

Directories

U.S. Army, Europe. Army 29:114 Oct '79

ARMY, JAPANDirectories

U.S. Army, Japan. Army 29:115 Oct '79

ARMY AND AIR FORCE EXCHANGE SERVICE see Exchanges--Armed Forces--U. S.

ARMY ARTILLERY AND MISSILE SCHOOL see Army Field Artillery School

ARMY AVIATIONRussia

The Soviet transport Air Force--aircraft and capabilities. Peter Borgart. illus tabs Intl Def Rev 12, No. 6:945-950 '79

United States

- AMEDD Aviation Program. LtCol William F. Carroll. illus USA Avn Dig 25:20-21 Jul '79
- Air assault. SP5 William J. Pickett. illus Soldiers 34:6-9 Jan '79
- Appointment with Korea. Maj Wavie C. Sharp. USA Avn Dig 25:14-16 Jan '79
- Army National Guard Aviation. Col John J. Stanko, Jr. chart USA Avn Dig 25:22-23 Jul '79
- Army Reserve Aviation. LtCol William W. Priest. illus USA Avn Dig 25:27 Jul '79
- Aviation in the Arctic. CW3 Lyle M. Rizk. illus USA Avn Dig 25:24-27 Jan '79
- Aviation Logistics Office. LtCol Duke Vasey. illus chart USA Avn Dig 25:12-13 Jul '79
- Aviation personnel policy. LtCol Dave Carothers. illus chart USA Avn Dig 25:14-15 Jul '79
- Aviation Systems Division. LtCol George Sibert. illus charts USA Avn Dig 25:9-11+ Jul '79
- Aviation training management. LtCol Jim Lloyd. illus USA Avn Dig 25:6-8 Jul '79

ARMY AVIATION - ContinuedUnited States - Cont'd

- Aviator management. Maj William B. Leonard III. illus charts USA Avn Dig 25:16-19 Jul '79
- CH-47 deployment. Betty Goodson. illus USA Avn Dig 25:24 Oct '79
- EPMS (Enlisted Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest
- The hinge. MajGen William J. Maddox, Jr. Ret. illus USA Avn Dig 25:2-4 Jun '79
- The history of Army Aviation in Hawaii. LtCol Harold B. Richards. illus USA Avn Dig 25:15-23 Jun '79
- It's been done before--check the Army Aviation Museum. LtGen Robert R. Williams, Ret. illus Armed Forces J Intl 116:44-46 Jul '79
- The making of an aviator. MSgt Matt Glasgow. illus Soldiers 34:6-12 Nov '79
- No room for error: A look at Army air traffic controllers. MSgt Matt Glasgow. illus Soldiers 34:19-23 Dec '79
- OPMS (Officer Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest
- Operation Northern Leap. illus map USA Avn Dig 25:65-67 Oct '79
- Play it again, Sam: Another air arm? Bruce Calander. AF Times 39:14+ Feb 19 '79
- Self-deployment of CH-47 medium lift helicopters to Europe. LtCol James B. Thompson. illus USA Avn Dig 25:6-7 Aug '79
- TSARCOM support of Army Aviation. MajGen Richard H. Thompson. illus USA Avn Dig 25:2-7 Mar '79
- A tour of duty in Korea--what an Army aviator may expect. Clark C. Bohannon. USA Avn Dig 25:16-19 Feb '79
- What's new in Army Aviation? LtCol William D. Siuru, Jr. illus AU Rev 31:55-65 Nov-Dec '79
- "Why not." LtCol Matthew R. Kambrod. USA Avn Dig 25:6-8 Nov '79

History

- Army Aviation logistics in evolution, 1942-1953. Laurence B. Epstein. illus USA Avn Dig pt 1, 25:5-11 Jun '79; pt 2, 25:34-38 Jul '79
- Army Aviation pioneer (Joseph McCord Watson): A Texas Guardsman's "better idea" to use light aircraft for aerial observation fostered the concept of organic aviation. Frank Perkins. illus Natl Guard 33:18-19+ Jul '79
- Dedication to excellence. (Presentation, Free and Accepted Masons, Prince Hall Affiliation, Rocky Mountain Lodge No. 1, Denver, May 26, 1979) MajGen Lucius Theus, Ret. AF Plcy Ltr for Comdrs: Sup No. 8:22-28 Aug '79
- They hedge-hopped to glory. Hal Craven. illus Translog 10:15-17 Sep '79

ARMY AVIATION - ContinuedUnited States - Cont'dOrganization

Air Cavalry Attack Brigade--Division 86's aviation organization. MajGen James H. Merryman. illus chart tabs USA Avn Dig 25:2-5 Nov '79

Aviation group command positions. LtCol Matthew R. Kambrod. illus USA Avn Dig 25:1+ Mar '79

Management of Army Aviation. BrigGen Carl H. McNair, Jr. chart illus USA Avn Dig 25:1-5 Jul '79

ARMY AVIATION HALL OF FAMESee also

Aviation Hall of Fame

ARMY FIELD ARTILLERY SCHOOL

(Field Artillery School) Interview. BrigGen Edward A. Dinges. illus Fld Arty J 47:13-16 May-Jun '79

View from the blockhouse. (Notes from the School) Regular feature in issues of Field Artillery Journal

ARMY FINANCE AND ACCOUNTING CENTER

Pay day ... end of the line. SP5 Philip Lawrence. illus Soldiers 34:11-12 Sep '79

ARMY FORCES COMMAND see Forces CommandARMY GENERAL STAFF

(Gen John W. Vessey named Army Vice Chief of Staff) illus Fld Arty J 47:23 Jul-Aug '79

LtGen Edward C. Meyer, new Army Chief of Staff. illus Natl Guard 33:7 Jun '79

Management of Army Aviation. BrigGen Carl H. McNair, Jr. chart illus USA Avn Dig 25:1-5 Jul '79

Meyer named Army's new Chief of Staff. illus Armed Forces J Intl 116:10 Jun '79

New Chief of Staff (Gen Edward C. Meyer). illus Soldiers 34:2 Jul '79

Top Army positions change: Gen Meyer named new Chief of Staff, CSGM Connelly SMA. illus Army 29:11 Jul '79

Directories

(Army) command and staff (1979 directory). illus Army 29:105-118 Oct '79

ARMY HEALTH SERVICES COMMAND

Fort Detrick (MD)--small but significant. SGM Bruce N. Bant. illus Soldiers 34:41-44 Aug '79

To conserve fighting strength. (Academy of Health Sciences) Janet Hake. illus Soldiers 34:16-19 Jun '79

ARMY MATERIEL COMMAND see Army Materiel Development and Readiness CommandARMY MATERIEL DEVELOPMENT AND READINESS COMMAND

See also subcommands by name, e.g.,
Army Troop Support and Aviation Materiel Readiness Command
Test and Evaluation Command

ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND - Continued

DARCOM determines manpower requirements. Charles B. Einstein. tabs Army Log 11:30-36 May-Jun '79

DARCOM: Old solutions will no longer suffice. Gen John R. Guthrie. illus tabs Army 29:50-55 Oct '79

"Exquisite discretion" on "when to run interference." Interview. Gen John R. Guthrie. illus Armed Forces J Intl 117:22+ Oct '79

Supporting the Army in the eighties. Gen John R. Guthrie. illus Army Log 11:22-25 Sep-Oct '79

ARMY MILITARY PERSONNEL CENTER

Aviator management. Maj William B. Leonard III. illus charts USA Avn Dig 25:16-19 Jul '79

ARMY MOBILITY EQUIPMENT RESEARCH AND DEVELOPMENT COMMAND

Combat engineering equipment for the 1980's. Col Bernard C. Hughes. illus tab Mil Engr 71:406-410 Nov-Dec '79

ARMY POSTSUnited States

Army posts are entered by name and location as given by the U. S. Organization Chart Service's U. S. Military and Government Installation Directory.

Fort Benning, GA

Reserves at (Fort) Benning (GA)--IOBC short course. 2dLt Dale Wilson. illus Soldiers 34:31-32 Jul '79

Fort Bragg, NC

The 82d Airborne Division. illus tabs Infantry 69:15-21 Mar-Apr '79

Readiness Group Fort Bragg (NC). SP5 Lana Ott. illus Soldiers 34:45-50 Oct '79

Fort Detrick, MD

Fort Detrick (MD)--small but significant. SGM Bruce N. Bant. illus Soldiers 34:41-44 Aug '79

Fort Huachuca, AZ

Secrets of Fort Huachuca (AZ). SP5 Lana Ott. illus Soldiers 34:17-20 May '79

Fort Knox, KY

Fort Knox's (KY) dryland Navy. LtCol John A. Campbell, Ret. illus Armor 88:16-19 Jul-Aug '79

Fort Lewis, WA

Fort Lewis and other sites of the Sound. Janet Hake. illus Soldiers 34:46-49 Feb '79

Fort Ord, CA

Bullets, beaches and bayonets--a look at Fort Ord (CA). MSgt Matt Glasgow. illus Soldiers 34:45-48 Jun '79

Fort Polk, LA

The 5th Infantry Division (Mech). LtCol Charles L. Wascom. illus Infantry 69:14-19 May-Jun '79

ARMY POSTS - ContinuedUnited States - Cont'dFort Riley, KS

Home, home on Riley's range. MSgt Matt Glasgow.
illus Soldiers 34:18-20 Aug '79

Fort Rucker, AL

The making of an aviator. MSgt Matt Glasgow. illus
Soldiers 34:6-12 Nov '79

ARMY POSTS, AMERICANItaly

Lion country. Steve Abbott. illus Soldiers 34:12-18
Feb '79

ARMY TEST AND EVALUATION COMMAND see Test and Evaluation CommandARMY TRAINING AND DOCTRINE COMMAND see Training and Doctrine CommandARMY TROOP SUPPORT AND AVIATION MATERIEL READINESS COMMAND

Breakout. MajGen Richard H. Thompson. illus tab
Army Log 11:8-11 Nov-Dec '79

TSARCOM support of Army Aviation. MajGen Richard
H. Thompson. illus USA Avn Dig 25:2-7 Mar '79

ARMY WAR COLLEGE

School for generals: Today's students, tomorrow's
Pershings. MSgt Matt Glasgow. illus Soldiers 34:
52-54 Mar '79

ART

Army through the years. Pictorial. H. Charles Mc-
Barron. Soldiers 34:6-9 Jun '79

Art and the airman: The 192d Tactical Fighter Squad-
ron. Don Linn. illus Am Avn Hist Soc J 24:154-156
Summer '79

Design art and the quality of facilities. Ferhunde
Elgun. illus AF Engrg & Svcs Qtr 20:10-14
May '79

Legend and legacy of John W. Thomason. Martha
Anne Turner. illus MarCor Gaz 63:59-72 Nov '79

Recruiting (posters) through the years. illus Soldiers
34:41-43 Feb '79

Studio of military artists (Grekov Military Art Studio).
Col N. Potapov. illus Soviet Mil Rev No. 10:46-49
Oct '79

Through the eyes of the artist. (U.S. Army Art Col-
lection) SP5 Lana B. Ott. illus Soldiers 34:20-24
Mar '79

ARTIFICIAL RESPIRATION

Basic cardiopulmonary resuscitation: Planning, or-
ganization, and implementation. Norman L. Schutt
and Charles L. Wilson. illus Aviation, Space &
Envmt Med 50:68-71 Jan '79

CardioPulmonary Resuscitation (CPR). TIG Brief
31:16 Dec 7 '79

ARTILLERYSee also

Guns
Mortars

ARTILLERY - Continued

The M11PAC portable artillery computer system.
illus Intl Def Rev 12, No. 5:835 '79

Army--Israel

The David field artillery computer. illus Intl Def
Rev 12, No. 5:836 '79

Army--Russia

The growing Soviet artillery threat. Charles Dick.
tabs illus RUSI J for Def Studies 124:66-73 Jun '79

Modern Soviet artillery doctrine and practice. Chris-
topher Donnelly. illus tab NATO's Fifteen Nations
24:48-50+ Jun-Jul '79

Soviet kinetic energy penetrators. Larry W. Williams
and Joseph E. Backofen, Jr. illus tab Armor 87:
43-45 Nov-Dec '78

Tactical problems facing the Soviet Army: Recent de-
bates in the Soviet military press. C.N. Donnelly.
(Reprinted from International Defense Review,
Vol 11, No. 9, 1978) illus Mil Rev pt 1, 59:18-26
Jun '79; pt 2, 59:60-68 Jul '79

The threat: The artillery threat. Capt Carl E.
Daschke. illus tab USA Avn Dig 25:16-20 Nov '79

History

General (Fyodor Fyodorovich) Petrov's guns. LtCol
N. Solovyov. illus Soviet Mil Rev No. 5:39-41
May '79

Army--Sweden

Sweden's field howitzer. Maj William Whelihan. illus
tab Fld Arty J 47:19-21 Jan-Feb '79

Army--U. S.

Defending the battery. Capt Larry A. Altersitz. illus
Fld Arty J 47:30-33 May-Jun '79

The 5th USA Artillery Group (AD)--a NATO assign-
ment. Capt Oscar Mendez. illus Air Def Mag,
pp 19-21, Jul-Sep '79

The U.S. Army's M198 towed 155mm howitzer. R.B.
Pengelley. illus tabs Intl Def Rev 12, No. 7:1163-
1168 '79

We've got 30! (M198, 155-mm towed howitzer) Maj
William Whelihan. illus Fld Arty J 47:9-12 May-
Jun '79

Whence the 105-mm howitzer. Janice E. McKenney.
(Abridged from Military Affairs, April 1978) illus
tab Fld Arty J 47:34-41 May-Jun '79

History

Dilger--artilleryman of note. Col Robert M. Steg-
maier, Ret. illus Fld Arty J 47:58-59 Mar-Apr '79

Firing the Molly Stark. Frederick John. illus Army
29:25-28 Jul '79

Henry Knox--the father of American artillery. Capt
Richard L. Heit. illus Fld Arty J 47:48-51 Sep-
Oct '79

The roar of the 8-incher. Truman R. Strobridge and
Bernard C. Nalty. illus Natl Def pt 1, 64:30-32
Sep-Oct '79; pt 2, 64:63-65 Nov-Dec '79

ARTILLERY - ContinuedMarine Corps--U.S.

A deadly combo: 4.2 & M-198. Capt Richard A. Stewart. MarCor Gaz 63:24 Dec '79

Marine Corps artillery--an update. LtCol R.H. Moore. illus Fld Arty J 47:18-20 Mar-Apr '79

Put Dragons in the offense. 2dLt David J. Hallman. MarCor Gaz 63:24-25 Dec '79

Why the Marine Corps is adopting a new howitzer. LtCol Richard Moore and others. illus tabs MarCor Gaz 63:51-59 Apr '79

Navy--Russia

Fighting shoreside targets. Capt G. Ammon. illus Soviet Mil Rev No. 11:40-42 Nov '79

Naval artillery. Capt L. Shimkevich, Ret. illus Soviet Mil Rev No. 7:8-10 Jul '79

ARTILLERY, ANTI-AIRCRAFT

AA SP gun. Col N. Dmitriyev. illus Soviet Mil Rev No. 5:22-23 May '79

Air defense artillery. LtCol Richard B. Wessling and others. illus Armor 88:30-34 Sep-Oct '79

For reliable protection: Organising antiaircraft defence of a battalion in capturing a strong point. Col V. Subbotin. Soviet Mil Rev No. 4:20-21 Apr '79

How to fight helicopters. Col M. Belov. illus Soviet Mil Rev No. 9:18-19 Sep '79

The threat: The artillery threat. Capt Carl E. Daschke. illus tab USA Avn Dig 25:16-20 Nov '79

Study and Teaching

Air Defense Artillery (ADA) training developments. LtCol Richard B. Wessling, Jr. illus tabs Air Def Mag, pp 12-19, Oct-Dec '79

ARTILLERY, ANTITANK

Folgore: A new portable unguided anti-tank weapon. Eric Laurie. illus tabs Intl Def Rev 12, No. 2:262-264 '79

Soviet kinetic energy penetrators. Larry W. Williams and Joseph E. Backofen, Jr. illus tab Armor 87: 43-45 Nov-Dec '78

ARTILLERY, FIELD

Battery perimeter defense--the last resort. Maj Floyd V. Churchill, Jr. illus tabs Fld Arty J 47: 35-37 Sep-Oct '79

The company grade years--a decade of development. LtCol Leslie E. Beavers and Maj Glen D. Skirvin. illus tabs Fld Arty J 47:8-12 Jul-Aug '79

A dying issue. Capt Charles M. Williams. illus Fld Arty J 47:32-34 Sep-Oct '79

M110A1 fallback damage. Capt Richard L. Harmon. illus Fld Arty J 47:28-29 Nov-Dec '79

On the firing line. Regular feature in issues of National Defense beginning with July-August 1979

ARTILLERY, FIELD - Continued

TACFIRE. K. Patrick Cathcart. illus Infantry 69:19-21 Sep-Oct '79

TACFIRE does it all. K. Patrick Cathcart. illus Soldiers 34:44-45 Apr '79

The U.S. Army's M198 towed 155mm howitzer. R.B. Pangelley. illus tabs Intl Def Rev 12, No. 7:1163-1168 '79

View from the blockhouse. (Notes from the Army Field Artillery School) Regular feature in issues of Field Artillery Journal

History

The French 75: An early experiment in standardization. Col Daniel K. Malone. illus Natl Def 63:40-46 Mar-Apr '79

Samuel Ringgold and the "flying batteries." Col Robert M. Stegmaier, Ret. illus Fld Arty J 47:57-59 Jul-Aug '79

Study and Teaching

FIST (Fire Support Team) fire planning or "on time, on target." Capt J.C. Stewart. illus Fld Arty J 47:52-55 Mar-Apr '79

The hand-held calculator: A status report. Capt John M. Chaney and others. illus tabs Fld Arty J 47: 30-32 Mar-Apr '79

Lance tactical concepts: Positioning and movement. Maj Robert H. Kimball. illus Fld Arty J 47:39-43 Jul-Aug '79

Massing the steel. (Field training exercise FTX, Grafenwoehr, June 1979) Col Donald E. Eckelbarger. illus Fld Arty J 47:30-34 Nov-Dec '79

TACFIRE, where do we go from here? Maj John E. Martin. illus Fld Arty J 47:8-13 Jan-Feb '79

Why FO's can't shoot. Capt Michael B. Kelly. Fld Arty J 47:54-56 Jul-Aug '79

Wirkungsschiessen: Fire for effect. Capt Griffith T. Lewis. Fld Arty J 47:28-29 Jul-Aug '79

ARTILLERY RANGES see Bombing and Gunnery Ranges

ASIA

Asia--image and reality. James H. Toner. illus AU Rev 30:67-71 Sep-Oct '79

Strategic Importance

America and the Asian power game. Alan Ned Sabrosky. illus Sea Power 22:28-32 Feb '79

ASIA, SOUTHWESTERN

The United States and the crescent of crisis: A view from the region. Shafqat Ali Shah. illus Strat Rev 7:39-50 Fall '79

ASPIN, Les

Aspin hits Soviet civil defense. AF Times 39:6 Jan 15 '79

ASSIGNMENTS, MILITARY

See also
Tours of Duty

ASSIGNMENTS, MILITARY - Continued

- Assignments system defended. M.L. Craver. AF Times 39:19 May 21 '79
- The care and feeding of attached crew members. Maj David V. Froehlich. illus Aerosp Safety 35:14-16 Feb '79
- Change of command. Regular feature in issues of Command Policy
- EM o'seas returnees--filling the vacancies: A matter of priority. Bruce Callander. AF Times 39:7 Jun 4 '79
- General officer changes. Regular feature in News Call section of some issues of Army
- General officer reassignments, new assignments. MarCor Gaz 63:2 May '79
- Generals on the move. (Title varies) Regular feature in some issues of Air Force Times
- Here's the breakdown on 'crossflow' jobs. AF Times 40:8 Oct 1 '79
- Hikes not hurt by skill level grade change. Len Famiglietti. AF Times 40:19 Dec 24 '79
- How officers can job swap. Bruce Callander. AF Times 39:1+ May 28 '79
- The long & the shorthand of it. (SSgt M.A. (Reese) Goode is an AF stenographer) SSgt M.A. Goode. illus Airman 23:17-19 Oct '79
- Officer assignment policies. TIG Brief 31:17-18 May 4 '79
- Officer cross flow needs listed. AF Times 40:3 Sep 24 '79
- O'seas move allowed after 1 year on base. AF Times 39:4 Apr 30 '79
- Promotions, reassignments, retirements. MarCor Gaz 63:2 Aug '79
- Rateds get more say in assignments options. M.L. Craver. AF Times 39:1+ May 28 '79
- Senior Army officers in special assignments. Army 29:115 Oct '79
- Senior staff changes. Regular feature in issues of Air Force Magazine
- Spouses can stay together. AF Times 40:20 Dec 3 '79
- Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

ASSOCIATION OF THE U.S. ARMY

- Panels, seminars, displays highlight '79 (AUSA) Annual Meeting (Washington, Oct 15-17, 1979). Eric C. Ludvigsen. illus Army 29:44-59 Nov '79

Exhibitions

- Highlights of the 1978 AUSA Show (Washington, Oct 16-18, 1978). illus Intl Def Rev 12, No. 1: 67-74 '79

ASTRONAUTICS see Space Flight

ASTRONAUTS

- One hundred and forty-day space vigil. illus Soviet Mil Rev No. 1:30-31 Jan '79
- U.S. Army's astronaut (Maj Robert L. Stewart). LtCol Richard L. Horvath. illus USA Avn Dig 25: 1-5 Aug '79; Condensation. Soldiers 34:50-51 Sep '79

Biography

- The 10 military men who walked on the moon--ten years later. Lothar H. Wedekind. illus AF Times, Times Magazine sup:6-16 Jul 16 '79

History

- The 10 military men who walked on the moon--ten years later. Lothar H. Wedekind. illus AF Times, Times Magazine sup:6-16 Jul 16 '79

ATLANTIC COMMAND, ALLIED see Allied Command Atlantic

ATLANTIC FLEET see Fleet, 2d

ATLANTIC OCEANStrategic Importance

- The potential battle of the Atlantic. RADM Sayre A. Swarztrauber. illus maps tabs US Nav Inst Proc 105:108-125 May '79

ATLANTIC REGIONStrategic Importance

- The South Atlantic in NATO's plans. V. Yefremov. Soviet Mil Rev No. 4:52-53 Apr '79

ATMOSPHERE

- Atmospheric effects on radio wave propagation. John B. Beach. illus tabs Def Elect pt 1, 11:95-98 Dec '79
- Density altitude ... summertime or all the time? Maj Walter J. Probka. USA Avn Dig 25:24-25 Apr '79

ATTACHES, MILITARY

- A field artilleryman as military attache. LtCol William E. Serchak. illus Fld Arty J 47:39-41 Nov-Dec '79

ATTACK AND DEFENSE (MILITARY SCIENCE)

- The active defense. MajGen William J. Livsey. illus Infantry 69:20-22 Jul-Aug '79
- Battery perimeter defense--the last resort. Maj Floyd V. Churchill, Jr. illus tabs Fld Arty J 47: 35-37 Sep-Oct '79
- Battle positions. Maj Patrick J. Bodelson and Capt Dwight C. McLemore. illus Armor 88:5-10 Mar-Apr '79
- But who is guarding the rear? Maj Calvin C. Seybold. chart illus Mil Rev 59:23-28 Jan '79
- Committing second echelon to action. Col Yu. Chernyshov. Soviet Mil Rev No. 5:15-17 May '79
- Defence during an offensive. Col Z. Shutov. illus Soviet Mil Rev No. 11:37-40 Nov '79

ATTACK AND DEFENSE (MILITARY SCIENCE) - Continued

- Development of the tactics of offensive battle (from experience of the Great Patriotic War). Col A. Sidorenko. Soviet Mil Rev No.10:20-22 Oct '79
- Fighting from fortified battle positions. Col Raymond E. Bell, Jr. illus Army 29:34-39 Jul '79
- Fighting outnumbered and winning. Maj Robert F. Straut. illus Mil Rev 59:2-10 May '79
- For reliable protection: Organising antiaircraft defence of a battalion in capturing a strong point. Col V. Subbotin. Soviet Mil Rev No.4:20-21 Apr '79
- "Forward detachments" and the Soviet nuclear offensive. Capt Stephen Shervais, Jr. illus Mil Rev 59:66-71 Apr '79
- If the Soviets don't mass. Maj Donald K. Griffin. illus tab Mil Rev 59:2-13 Feb '79
- Initiative and creative approach in warfare. LtCol V. Gorbunov. Soviet Mil Rev No.10:12-14 Oct '79
- It's two up and one back again, or is it three up and ? back? LtCol Michael D. Wyly. MarCor Gaz 63:17-18 Dec '79
- Meeting engagement. Col B. Frolov. illus maps Soviet Mil Rev No.9:39-41 Sep '79
- A new breed--active defense cavalrymen. Maj Michael A. Andrews. illus Armor 88:20-22 Jul-Aug '79
- On a wide frontage. Col V. Grinyov. Soviet Mil Rev No.9:10-11 Sep '79
- Pricing ourselves out of the market: The attack submarine program. CAPT Linton F. Brooks. illus tab Nav War Col Rev 32:2-17 Sep-Oct '79
- Pursuit. Col A. Akimov. illus Soviet Mil Rev No.8:13-15 Aug '79
- Repulsing counterattacks. Col A. Akimov. illus Soviet Mil Rev No.6:25-27 Jun '79
- Security of the corps rear area. LtCol Robert D. Frazier. illus tabs Mil Rev 59:2-10 Dec '79
- Soviet Army wave attack philosophy: The single-echelon option. P.H. Vigor. illus Intl Def Rev 12, No.1:43-46 '79
- Soviet tactics for overcoming NATO anti-tank defenses. C.N. Donnelly. illus tabs Intl Def Rev 12, No.7:1099-1106 '79
- Tactical doctrine or dogma? Maj Richard Hart Sinnreich. illus Army 29:16-19 Sep '79
- Tactical problems facing the Soviet Army: Recent debates in the Soviet military press. C.N. Donnelly. (Reprinted from International Defense Review, Vol 11, No.9, 1978) illus Mil Rev pt 1, 59:18-26 Jun '79; pt 2, 59:60-68 Jul '79
- Tank versus helicopter. LtCol Charles W. Abbey. Armor 87:34-36 Nov-Dec '78
- Winning through maneuver. Capt S.W. Miller. illus MarCor Gaz pt 1, Countering the offense. 63:28-31+ Oct '79; pt 2, Countering the defense. 63:57-63 Dec '79
- With smaller or equal forces. MajGen I. Vorobyov. Soviet Mil Rev No.2:16-17 Feb '79

ATTITUDES

- The alienated soldier: Legacy of our society. Maj Stephen D. Westbrook. illus Army 29:18-23 Dec '79
- Attitudes are the key to energy awareness. Capt James F. McEvoy. illus AF Engrg & Svcs Qtr 20:14-17 Aug '79
- Attitudes toward combat among U.S. Army paratroopers. William C. Cockerham. tabs J Pol & Mil Sociol 6:1-15 Spring '78
- Authoritarian attitudes in the United States Army. E.M. Schreiber. tabs Armed Forces & Soc 6:122-131 Fall '79
- Crew attitudes and performance. Capt R.C. Gerber. illus MAC Flyer 26:18-20 Apr '79
- Life-cycle cost: Attitudes and latitudes. LtCol Troy V. Caver. illus tabs Def Mgt J 15:12-17 Jul-Aug '79
- Military experience and foreign policy belief systems. Samuel A. Kirkpatrick and James L. Regens. tabs J Pol & Mil Sociol 6:29-47 Spring '78
- Self-selection and career orientation among enlisted U.S. Army paratroopers: A research note. William C. Cockerham. tabs J Pol & Mil Sociol 6:249-259 Fall '78
- Support of the military today and tomorrow. (Presentation, Strategic Air Command Commander's Conference, Offutt AFB, NE, May 23, 1979) MajGen Richard A. Yudkin, Ret. AF Plcy Ltr for Comdrs: Sup No.7:33-40 Jul '79

AUDIO-VISUAL AIDS

- Audiovisual training programs: Security documentation requirements. TIG Brief 31:5 Apr 20 '79
- New AV agency: Services lose some say. AF Times 39:2 Jul 2 '79
- 10 bases to contract out audio/visual operations. AF Times 40:4 Sep 10 '79

AUDIO-VISUAL INSTRUCTION

- "... work the people problem in a coupling of the technology." Interview. Walter B. LaBerge. illus Armed Forces J Intl 117:20+ Dec '79

AUDITING

- See also
Air Force Audit Agency
- Auditor General. MajGen Joseph B. Dodds. illus AF Compt 13:32 Oct '79
- Conducting nuclear weapon account audits. TIG Brief 31:9 Jan 26 '79
- An effective audit trail. TIG Brief 31:16 Nov 16 '79
- Establishing an audit system for air evac. Marjel L. Ford and Linda R. Lake. tabs Aviation, Space & Envmt Med 50:284-289 Mar '79
- Leadership & energy: Profitable conservation, not useless conversation. Frederick Neuman. Govt Exec 11:38+ Jan '79
- Notes from the Auditor General. BrigGen Joseph B. Dodds. illus AF Compt 13:32 Jan '79

AUDITING - Continued

Notes from the Auditor General. MajGen Joseph B. Dodds. illus AF Compt 13:27 Apr '79

Notes from the Auditor General. MajGen Joseph B. Dodds. illus AF Compt 13:38 Jul '79

Directories

Key audit people by (Air Force) bases & major commands. Table only. AF Compt 13:33+ Oct '79

AURORAS

The midnight rainbows. (Fort Yukon AFS, AK, studies the aurora borealis from a military viewpoint) MSgt David B. Drachlis. illus Airman 23: 23-29 Jun '79

AUTOMATIC DIGITAL NETWORK

The integrated AUTODIN system. Richard G. Howe and LtCol Ronald C. Cournoyer. illus Signal 33: 105+ May-Jun '79

AUTOMATIC LANDING SYSTEMS

Blind flying. CW4 Michael J. Novosel. illus map USA Avn Dig 25:24-31 Jun '79

Instrument landing approach. Col M. Igumentsev. illus Soviet Mil Rev No. 3:22-23 Mar '79

AUTOMATIONSee also

Electronic Data Processing Systems

The Archives: Government's troubled information manager. John F. Judge. Govt Exec 11:13+ Sep '79

Automation comes to budget at Hq USAF. LtCol Wayne Pedersen. illus AF Compt 13:10-11 Oct '79

C³I communications vital in integration of the force-multipliers. MajGen William J. Hilsman. illus Army 29:36-38 Mar '79

C³I for automated control of tomorrow's battlefield. MajGen Fred K. Mahaffey. illus Army 29:26-30 Mar '79

C³I for automated focus on intelligence picture. BrigGen Albert N. Stubblebine III. illus tab Army 29:33-34 Mar '79

The challenge of C³. (Address, AFCEA Rome-Utica-Syracuse Chap, Dec 13, 1978) Lloyd K. Mosemann II. illus Signal 33:69-71+ May-Jun '79

Korea's improved port call system (Single Passenger Reservation System). Capt Stephen Giordano. illus Translog 10:14-15 Jun '79

Simplify and automate--travel pay computations can be made easier. Maj Larry B. Ruble. illus AF Compt 13:14-15 Oct '79

Single-stop air travel centers sought. Len Farniglietti. AF Times 40:6 Oct 22 '79

The tough task of White House information automation. illus Govt Exec 11:26-27 Sep '79

AUTOMOBILES

Commander authorization for vehicle rentals. TIC Brief 31:12 Feb 23 '79

AUTOMOBILES - Continued

'Downtowners' to pay fees--parking free at most bases. Tom Philpott. AF Times 39:1+ Apr 23 '79

EPA: Headed for trouble on trucks and cars. tab Govt Exec 11:32+ Oct '79

Local COs to okay POVs for shipping. AF Times 40:3 Aug 6 '79

MTMC summarizes (car) rental discounts. tab Translog 10:15 Aug '79

Reaction to gas crisis--DOD fights paid parking. AF Times 39:1+ Jul 2 '79

Vehicles bound for overseas--planning eases shipping problems. AF Times 40:A8-A9 Oct 22 '79

Drivers and Driving

See Motor Vehicles--Drivers and Driving

Engines

Energy developments in transportation. illus Def Trans J 35:18-19 Dec '79

Equipment

Catalytic converters: Auto emission control systems need special care overseas. illus AF Times 39:28 Mar 5 '79

Maintenance and Repair

AAFES in Europe: More satisfied with auto work. AF Times 40:8 Aug 20 '79

AUTOPILOT

Let George do it. Maj C.B. Casson. illus MAC Flyer 26:10-13 Jul '79

AUXILIARY SHIPSSee also

Icebreakers

United States

Taking the Land to sea. Mark T. Clevenger. illus US Nav Inst Proc 105:114-116 Jun '79

USS Norton Sound: The newest old ship. Norman Polmar. illus tabs US Nav Inst Proc 105:70-83 Apr '79

AVIATION

For articles on commercial air transportation companies see Airlines; for articles on technical and technological aspects of aviation and aircraft see Aeronautics; for popular, nontechnical articles on the pleasures of flying see Flying.

See also

Flights, Famous and Historic

Aerospace world. Regular feature in issues of Air Force Magazine

The armchair aviator. Regular feature in issues of Air Force Times beginning with September 24, 1979

The perils of birdmen. illus Interceptor 21:18-19 Feb '79

The world of aerospace. Regular feature in issues of Interavia

AVIATION - ContinuedExhibitionsSee alsoAerobatics

Air Force participation in static displays and flyovers. TIG Brief 31:4 Dec 7 '79

France

Le Bourget (33th Salon de l'Aeronautique du Bourget): Europe emerging. Yves Robins. illus Aerosp Intl 15:4-6+ Jun-Jul '79

Paris Air Show. Gen T.R. Milton. AF Mag 62:106 Aug '79

(Paris Air Show) '79: One of the best--and bigger than ever. illus Interavia 34:627-634 Jul '79

Paris (Air Show) 1979--trend-watchers' delight. F. Clifton Berry, Jr. illus Armed Forces J Intl 116:21+ Jun '79

The Paris Airshow (1979). John Marriott and Yves Robins. illus NATO's Fifteen Nations 24:58+ Jun-Jul '79

Salon du Bourget '79. illus Intl Def Rev 12, No. 6: 971-982 '79

The Swedish Air Force at the Paris Air Show: Down, but not out. Alexander Scott. Armed Forces J Intl 117:46+ Sep '79

The traditional Paris meetings: Paris Airshow. Yves Robins. illus Aerosp Intl 15:28+ Apr-May '79

Great Britain

C-130s attend silver reunion--14 countries send Hercules to Greenham Common (Eng) for show (International Air Tattoo for the RAF Benevolent Fund). illus AF Times 39:16 Jul 16 '79

United States

The Reading General Aviation Show at a turning point? illus Interavia 34:758-759 Aug '79

Static displays and air shows. Maj Roger L. Jacks. illus Aerosp Safety 35:11-13 Feb '79

The 32d NBAA (National Business Aircraft Assoc) Show, Atlanta 1979. illus Interavia 34:1013-1016 Nov '79

History

Aero-collectors pay big prices. Jay Miller. illus AF Times 40:45+ Dec 3 '79

Birdflight and aviation--an unheralded view. Lester D. Stephens. illus Am Avn Hist Soc J 23:267-271 Winter '78

Channel flights: From 25 Hp to none. illus tab AF Times 39:10 Jun 25 '79

Physiological Aspects

See also specific conditions, e.g.
Decompression Motion Sickness
Hyperventilation Vertigo
Hypoxia

Aeromedical aspects of otolaryngology. H. H. Hanna. Aviation, Space & Envmt Med 50:280-283 Mar '79

AVIATION - ContinuedPhysiological Aspects - Cont'd

Biodynamic effects of canopy loss in the TF-15 aircraft. Wayne F. Kendall, Jr and Ronald C. Hill. illus tabs Aviation, Space & Envmt Med 50:338-342 Apr '79

Cardiorespiratory assessment of decongestant-antihistamine effects on altitude, +G_z, and fatigue tolerances. Michael T. Latagola and others. tabs Aviation, Space & Envmt Med 50:101-109 Feb '79

Concurrent loss of consciousness and sino-atrial block during +G_z stress. James E. Whinnery and others. illus Aviation, Space & Envmt Med 50: 635-638 Jun '79

Doing what comes naturally. Maj Stan Santilli. illus Aerosp Safety 35:10-11 Aug '79

Effects of altitude and two decongestant-antihistamine preparations on physiological functions and performance. E. A. Higgins and others. tabs Aviation, Space & Envmt Med 50:154-158 Feb '79

Fighter Index of Thermal Stress (FITS): Guidance for hot-weather aircraft operations. Sarah A. Nuneley and Richard F. Stribley. tabs Aviation, Space & Envmt Med 50:639-642 Jun '79

Frequency analysis of heart rate variability under flight conditions. Chiharu Sekiguchi and others. illus tabs Aviation, Space & Envmt Med 50:625-634 Jun '79

Gin and ... soda? Col William F. Belk. illus Aerosp Safety 35:18-20 Dec '79

Loss of consciousness in high performance fighters. (What to do about it) Maj Peter R. Nash. illus Aerosp Safety 35:6-7 Nov '79

Physiologic and performance measurements in simulated airborne combined stress environments. Jeffrey S. Bowman and Harald J. von Beckh. tabs Aviation, Space & Envmt Med 50:604-608 Jun '79

Psychophysical assessment of angular vibration: Comparison of vertical and roll vibrations. Richard W. Shoenberger. illus tabs Aviation, Space & Envmt Med 50:688-691 Jul '79

Reproducibility of +G_z tolerance testing. James E. Whinnery and William G. Jackson, Jr. tabs Aviation, Space & Envmt Med 50:825-828 Aug '79

Sickle cell trait and the aviator. Russell B. Rayman. tab Aviation, Space & Envmt Med 50:1170-1172 Nov '79

Survey on eye comfort in aircraft. I: Flight attendants. Weylin G. Eng. tabs Aviation, Space & Envmt Med 50:401-404 Apr '79

Syncopal episodes: Fainting in aircrews. WgComdr Michael D. Miller. illus tab TAC Attack 19:20-21 Jun '79

Too close for comfort. illus Aerosp Safety 35:10-11 Oct '79

Vista-vertigon. Capt Bruce Maguire. illus Interceptor 21:20-22 Apr '79

The way it was: Complacency revisited. LtCol Richard A. Rung. illus Aerosp Safety 35:2-4 May '79

AVIATION - ContinuedPsychological Aspects

Pilot error: The why behind the words. Capt Frank Walker. Aerosp Safety 35:4-5 Mar '79

Psychophysical assessment of angular vibration: Comparison of vertical and roll vibrations. Richard W. Shoenberger. illus tabs Aviation, Space & Envmt Med 50:688-691 Jul '79

The way it was: Complacency revisited. LtCol Richard A. Rung. illus Aerosp Safety 35:2-4 May '79

Alaska

Aviation in the Arctic. CW3 Lyle M. Rizk. illus USA Avn Dig 25:24-27 Jan '79

ItalyHistory

Douhet in Italy: Prophet without honor? Claudio G. Segrè. illus Aerosp Hist 26:69-80 Jun '79

Persian Gulf Region

Aviation in the Arabian Gulf. Peter Tallon. illus map Interavia 34:580-582 Jun '79

PeruHistory

The Eagle of Peru (LtComdr Armando Revoredo Iglesias). Eugene E. Bauer. illus Aerosp Hist 26: 208-213 Dec '79

United StatesHistory

1st aircraft contract: Simple but ... Bruce Callander. AF Times 40:24+ Dec 17 '79

Flying--just barely. (Dr Virgil A. Kelley recalls his early days as a Steerman pilot) Anne Shermér. illus Airman 23:41-43 Mar '79

Forced landing: Winter sport on a Pennsylvania hill-top (1921). Phillips Melville. illus Am Avn Hist Soc J 24:214-225 Fall '79

"The Shasta disaster"--forgotten lesson in interservice relations. Murray Green. illus AU Rev 30: 68-74 Mar-Apr '79

The Wright flight. Bruce Callander. illus AF Times 39:16+ Jan 1 '79

The Wrights--the first aeronautical engineers. Robert B. Johnston. illus Am Avn Hist Soc J 23:300-309 Winter '78

AVIATION, COMMERCIAL

Here are entered general articles on transportation of personnel and/or cargo by commercial aircraft.

See also

Air Cargo
Airlines
Airports

Commuter aircraft--developing market brings host of new projects. Marc Grangier. illus tab Interavia 34:742-745 Aug '79

AVIATION, COMMERCIAL - ContinuedEconomic Aspects

Company reports review. Regular feature in some issues of Interavia beginning with August 1978

Deregulation of the U.S. air transport industry. John F. Brindley. illus Interavia pt 1, Cheered by some, condemned by others. 34:303-306 Apr '79; pt 2, International reactions to deregulation. 34:427-429 May '79

International Aspects

CAB pressure for deregulation. illus Interavia 34: 709-710 Jul '79

Europe, Western

European Commission looks at civil aviation. Bill Sweetman. illus Interavia 34:1143-1144 Dec '79

Germany (Federal Republic)

Lufthansa--more pilots, more simulators. Klaus Höhle. illus Interavia 34:847-848 Sep '79

Great Britain

Pilot training--the UK scene. Bill Sweetman. illus Interavia 34:835-836 Sep '79

Russia

Soviet civil aviation training programs. Lawrence L. Whetten and James Waddell. illus Interavia 34: 829-834 Sep '79

Switzerland

Swissair--48 new pilots every year. Klaus Höhle. illus Interavia 34:845-847 Sep '79

United States

Airlines: Be aware of pitfalls. Bruce Callander. AF Times 40:18 Nov 26 '79

AVIATION HALL OF FAME

Aviation Hall of Fame (to enshrine Neil A. Armstrong, Anne M. Lindbergh, Charles F. Kettering, and Sherman M. Fairchild). illus AF Times 40:59 Jul 30 '79

AVIATION MEDICINE

Aviator's guide to self-medication. CAPT Frank E. Dully, Jr and LT Lawrence H. Frank. (Adapted from Approach, May 1979) illus MAC Flyer 26: 13-14 Dec '79

The Civil Aviation Medical Association. Albert Carriere. Aviation, Space & Envmt Med 50:527-528 May '79

A flight surgeon looks at flight surgery. Maj Arthur T. Hadley. USA Avn Dig 25:18-19 Jan '79

Psychiatric education in aerospace medicine. Robert J. Ursano. tabs Aviation, Space & Envmt Med 50: 619-624 Jun '79

Sickle cell trait and the aviator. Russell B. Rayman. tab Aviation, Space & Envmt Med 50:1170-1172 Nov '79

AVIATION MEDICINE - ContinuedHistory

The early development of aviation medicine in the United States. BrigGen W. H. Wilmer. illus tabs Aviation, Space & Envmt Med 50:459-467 May '79

The history of civil aviation medicine in the United States government since 1926. J. Robert Dille. illus tab Aviation, Space & Envmt Med 50:448-457 May '79

ResearchSee also

Aviation--Physiological Aspects

'Crash' doctors. (USAF doctors do research for prevention of injuries to air crews) Capt Dick Sheffield. illus Airman 23:31-35 Feb '79

AVIATION RECORDS

Here are entered articles on record flying time for a given distance. For articles on time spent in flying by an individual pilot to maintain his proficiency rating see Flying Time. For articles on logs and reports of a flight see Flight Records.

It's been done before--check the Army Aviation Museum. LtGen Robert R. Williams, Ret. illus Armed Forces J Intl 116:44-46 Jul '79

AVIONICS

Avionics: The road ahead. Col Robert S. Ziernicki, Ret. illus AF Mag 62:67-75 Jul '79

CNI (Communications, Navigation and IFF) 1990. Richard Hartman. illus Elect Warfare/Def Elect 11:68-70+ Apr '79

Electronic maps for tomorrow's cockpits. Murry Shohat. illus Mil Elect/Countermeasures 5:58+ Mar '79

Future avionics: Keeping capability up, costs down. Bill Walsh. illus Mil Elect/Countermeasures 5:26+ Feb '79

GA (General Aviation) avionics prospers with new technology. J. Philip Geddes. illus Interavia 34: 125-127 Feb '79

Maple Leaf dogfight underway. Murry Shohat. illus tabs Mil Elect/Countermeasures 5:29+ Jan '79

New missions, new updates for B-52. Robert M. Kochis. illus tabs Elect Warfare/Def Elect 11: 44-46+ Apr '79

Retrofits keep Navy F-4Js combat ready. illus Elect Warfare/Def Elect 11:62-64+ Apr '79

AVIONICS LABORATORY see Air Force Avionics Laboratory

AWARDS, DECORATIONS, ETCRussia

Orders and medals of Ushakov and Nakhimov. illus Soviet Mil Rev No. 2:13 Feb '79

United StatesSee also

Medal of Honor

AWARDS, DECORATIONS, ETC - ContinuedUnited States - Cont'd

(AFCEA ROTC, scholarship and Service academy awards, 1979) illus Signal 34:79-85 Sep '79

ASMC (American Society of Military Comptrollers) annual awards program. illus Armed Forces Compt 24:22-31 Nov '79

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 62:135-149 May '79

Airmen of the Year. illus AF Times 39:10 Jun 11 '79

Annual awards (AMA). Aviation, Space & Envmt Med 50:544-547 May '79

Annual awards (Aerospace Medical Assoc, 1947-79). tabs Aviation, Space & Envmt Med 50:649-651 Jun '79

1182d Army Transportation Terminal Unit earns ROA Outstanding Small Unit Award. illus Officer 55:10 Jun '79

Aviation Hall of Fame (to enshrine Neil A. Armstrong, Anne M. Lindbergh, Charles F. Kettering, and Sherman M. Fairchild). illus AF Times 40:59 Jul 30 '79

Awards & citations. Regular feature in issues of Air Force Times

Awards at the 1979 Air Force Association National Convention. illus AF Mag 62:58-59 Nov '79

Climb to the top (of SAC's Hall of Fame). Amn Benita Simone. illus Combat Crew 29:4-7+ Mar '79

The dynamic dozen. (Air Force's Outstanding Airmen for 1978) Maj Terry A. Arnold. illus Airman 23: 30-36 Jan '79

49th FIS wins Hughes Trophy. TSgt Mike Bergman. illus Interceptor 21:12-13 Apr '79

Freedoms Foundation winners named. AF Times 39:22 Mar 26 '79

Giant Voice: Pease (AFB, NH) grabs Fairchild (Trophy). illus AF Times 40:28 Dec 17 '79

Giant Voice 78. illus tabs Combat Crew 29:4-7+ Jan '79

MTMC honors traffic managers (at NDTA Forum and Exposition, Salt Lake City, Sep 17, 1979). illus Translog 10:6-7 Sep '79

Mobilization Augmentee officers honored. illus Officer 55:10 May '79

NDTA honors (military) transportation units (at its Forum and Exposition, Salt Lake City, Sep 18, 1979). Translog 10:8+ Sep '79

(NGAUS) 100th General Conference (St Louis, Oct 2-4, 1978) illus tabs Natl Guard 32: entire issue Dec '78

The 1978 Air Force Design Awards. illus AF Engrg & Svcs Qtr 20:18-19 May '79

1979 award winners of the Aerospace Medical Association. illus Aviation, Space & Envmt Med 50:749-754 Jul '79

AWARDS, DECORATIONS, ETC - ContinuedUnited States - Cont'd

Olympic Arena trophies handed out. illus AF Times 39:12 May 21 '79

On the winning side. (Winning AF photos from the Military Photographer of the Year competition) illus Airman 23:9-13 Jul '79

Our outstanding airmen. (Presentation, Outstanding Airmen Dinner, Air Force Assoc National Convention, Washington, Sep 17, 1979) Gen James A. Hill. AF Plcy Ltr for Comdrs: Sup No.11:15-19 Nov '79

Photo finish. Capt Clifford H. Bernath. illus Soldiers 34:33-36 Jul '79

(ROA's) Man of the Year (Sen Milton R. Young) speaks out. illus Officer 55:24-25 Apr '79

SAC SP Lowder takes first in worldwide shooting matches (Worldwide Security Police Marksmanship Matches). AF Times 40:3 Nov 19 '79

AWARDS, DECORATIONS, ETC - ContinuedUnited States - Cont'd

Seven AFRes units earn top (Outstanding Unit) Award. Officer 55:15 Mar '79

Special medal honors Gen Eaker as pioneer. illus AF Times 40:8 Dec 31 '79

10 SPs win annual outstanding awards. illus AF Times 40:27 Jul 30 '79

Top ANG recruiters honored. illus Natl Guard 33:5-6 Aug '79

A tribute to the outstanding twelve. (Outstanding Airmen for 1979) William P. Schlitz. illus AF Mag 62: 70-72 Nov '79

AYERS, Thomas D.

Support unit improvement program. MajGen Thomas D. Ayers. Army Log 11:41-43 Sep-Oct '79

BUIC see Back-Up Interceptor Control

BACK-UP INTERCEPTOR CONTROL

Folling the fakers. (NORAD's Canadian computers)
Capt Dick Sheffield. *illus Airman* 23:9-11 Feb '79

BACTERIOLOGICAL WARFARE see Chemical-Biological Warfare

BAGGAGE

Baggage labels mirror airline history. W. Donald Thomas. *illus Am Avn Hist Soc J* 24:68-72 Spring '79

BAILOUTS see Parachute Jumping

BAKER, Newton D.

'Your authority in France will be supreme': The Baker-Pershing relationship in World War I. Donald Smythe. *Parameters* 9:38-45 Sep '79

BALANCE OF POWER

The ADPA and preparedness. James M. Stone. *illus tabs Natl Def* 63:28-31+ Mar-Apr '79

The American style of warfare and the military balance. Edward N. Luttwak. *AF Mag* 62:86-88 Aug '79

Arms control enters the gray area. Robert Metzger and Paul Doty. *tabs Intl Sec* 3:17-52 Winter '78-'79

Arms control status report: SALT and Europe. Lothar Ruehl. *NATO's Fifteen Nations* 24:70-71 Jun-Jul '79

Balance and security. Interview. Zbigniew Brzezinski. *illus NATO's Fifteen Nations* 24:54-56 Feb-Mar '79

The balance of theatre nuclear forces in Europe. International Institute for Strategic Studies. *tabs AF Mag* 62:125-129 Dec '79

"... beyond cavil, for the Russians will surely cavil." Interview. Robert F. Ellsworth. *illus Armed Forces J Intl* 116:54-57 Jun '79

Budgets and theater nuclear forces. *illus Def & For Aff Dig* 7, No. 10:40-41 '79

Can NATO effect standardization? A European view. Patrick Wall. *illus Def & For Aff Dig* 7, No. 4: 18-20+ '79

Challenge for the 1980s: Maintaining the balance. (Presentation, Air Force Assoc National Convention, Washington, Sep 18, 1979) Gen Lew Allen, Jr. *AF Plcy Ltr for Comdrs: Sup* No. 11:8-14 Nov '79

Changing balance of power. (Presentation, Metropolitan Presidents' Organization, New York, Oct 16, 1979) LtGen John S. Pustay. *AF Plcy Ltr for Comdrs: Sup* No. 12:27-36 Dec '79

Chinese military links with NATO? An assessment of the Kremlin's concerns. R. D. M. Furlong and LtCol Al Biegel. *Intl Def Rev* 12, No. 9:1467-1468 '79

The civil defense factor in the strategic balance. Leon Goure. *illus Natl Def* 64:45-46+ Sep-Oct '79

Communist vs Communist in Southeast Asia. Douglas Pike. *Intl Sec* 4:20-38 Summer '79

BALANCE OF POWER - Continued

Comparing the FY 80 Defense budget with the Soviet defense effort--the US continues to stagger behind. *tabs Armed Forces J Intl* 116:40-43 Mar '79

Congressional expectations of SALT II. Jack F. Kemp. *illus Strat Rev* 7:16-25 Winter '79

DOD denies strategic arms cover-up: House panel (Armed Services Committee) asks detailed SecDef reply. Benjamin F. Schemmer. *Armed Forces J Intl* 116:10 Apr '79

Defense technology: Moving into space. Edgar Ulsamer. *AF Mag* 62:46-51 Jun '79

East-West mutual assessments: Perceptions of the threat. John Fullerton. *illus Def & For Aff Dig* 7, No. 7:40-42+ '79

The East-West theatre balance in Europe. International Institute for Strategic Studies. *tabs AF Mag* 62:120-125 Dec '79

The economic and political restraints on force planning. George Brown and Lawrence Korb. *illus Nav War Col Rev* 32:51-62 Jul-Aug '79

Essential equivalence: The end of the nuclear deterrent myth. LtCol Norbert Hannig, Ret. *illus tabs Intl Def Rev* 12, No. 2:179-183 '79

The Euronuclear balance of forces. Hubertus Hoffmann and Rolf Steinrücke. *illus NATO's Fifteen Nations* 24:169-171+ Oct-Nov '79

European defence and the changing balance of power. Lord Chalfont. *illus NATO's Fifteen Nations* 24: 26-30+ Feb-Mar '79

Every eight years in Cuba. *Mil Elect/Countermeasures* 5:16+ Jan '79

Exploiting American vulnerabilities. James A. Nathan. *illus Nav War Col Rev* 32:39-50 Jul-Aug '79

The FY 1980-1984 Defense program: Issues and trends. Lawrence J. Korb. *tabs AEI For Plcy & Def Rev* 1, No. 4: entire issue '79

Flaws in I.I.S.S. (International Institute for Strategic Studies) "Military Balance" cause major problems for NATO. Justin Galen. *tab Armed Forces J Intl* 117:16-17+ Dec '79

The foreword to Jane's (Fighting Ships 1979-80). Capt John Moore, Ret. *illus Sea Power* 22:24-32 Aug '79

Important issues. (Presentation, Los Angeles Chamber of Commerce, March 16, 1979) Gen Lew Allen, Jr. *AF Plcy Ltr for Comdrs: Sup* No. 5:2-7 May '79

In focus. Regular feature in issues of Air Force Magazine

Israel's quest for military independence. Bonner H. Day. *illus NATO's Fifteen Nations* 23:52-56 Dec '78-Jan '79

JCS views on SALT. (Presentation, Senate Foreign Relations Committee on SALT II, July 11, 1979) David C. Jones. *AF Plcy Ltr for Comdrs: Sup* No. 9:2-9 Sep '79

Japan and the shifting Asian balance. James E. Dornan, Jr. *AF Mag* 62:53-59 Feb '79

BALANCE OF POWER - Continued

- The Joint Chiefs on SALT II. LtGen Ira C. Eaker, Ret. AF Times 40:15-16 Aug 6 '79
- Korea: A new look at the balance. illus Def & For Aff Dig 7, No. 8:33-35 '79
- The legacy of SALT I: Soviet deception and U.S. retreat. David S. Sullivan. illus Strat Rev 7:26-41 Winter '79
- MX: The missile we don't need. illus tabs Def Monitor 8: entire issue Oct '79
- A maritime or continental strategy? A British view. Patrick Wall. illus Sea Power 22:17-21 Apr '79
- The Military Balance: 1978/79. London's International Institute for Strategic Studies. illus tabs Aerosp Intl 14: entire issue Dec '78-Jan '79
- The Military Balance: 1979/80. International Institute for Strategic Studies. illus tabs AF Mag 62:61-135 Dec '79
- Military posture & national power. Gen David C. Jones. illus Command Ploy 2: entire issue Jun '79
- Military posture and national power--an overview. Gen David C. Jones. illus Signal 33:115-116+ May-Jun '79
- Military Posture for FY 1980. (Overview, Senate Armed Services Committee, Jan 25, 1979) Gen David C. Jones. AF Ploy Ltr for Comdrs: Sup No. 3:21-30 Mar '79
- Modernizing the force. (Presentation, Texas Air Force Assoc Convention, San Antonio, June 30, 1979) Gen Lew Allen, Jr. AF Ploy Ltr for Comdrs: Sup No. 8:6-10 Aug '79
- NATO overview: A grim assessment of the new challenges facing the Alliance. James D. Hessman. illus Sea Power 22:31-35 Oct '79
- NATO's lost decade. Justin Galen. illus map tabs Armed Forces J Intl pt 1, How the United States gave the Warsaw Pact a surprise attack capability. 115:19-20+ Jun '78; pt 2, Restoring the NATO-Warsaw Pact balance: "The art of the impossible." 116:32-34+ Sep '78; pt 3, Keeping the transatlantic bargain: The last chance for forward defense. 116:30+ Dec '78; pt 4, NATO's theater nuclear dilemma: A new set of crucial choices. 116:16+ Jan '79; pt 5, NATO's national opportunities: France and the Iberian Peninsula. 116:37-39+ Apr '79
- The naval balance: Quality versus quantity. VAdm James Eberle. RUSI J for Def Studies 123:56-59 Dec '78
- Neutron bomb options. Andrew W. Hull. illus Natl Def 63:34-37+ Jan-Feb '79
- New critical defense needs. Edgar Ulsamer. (2d report on AFA's National Symposium on "Toward a New World Strategy," Los Angeles, Oct 26-27, 1978) illus AF Mag 62:26-31 Feb '79
- New horizons for NATO? ACM Peter Le Cheminant. illus Hawk No. 39:11-16 Winter '78-'79
- New study shows Russia would hold 70% greater edge in nuclear exchange than is shown in FY DOD annual report. Benjamin F. Schemmer. tabs illus Armed Forces J Intl 116:5-6+ May '79

BALANCE OF POWER - Continued

- New variations on old themes. Stanley Hoffmann. Intl Sec 4:88-107 Summer '79
- Opportunities and imperatives of ballistic missile defense. Malcolm Wallop. illus Strat Rev 7:13-21 Fall '79
- The other gas crisis--chemical weapons. Charles H. Bay. Parameters pt 1, 9:70-80 Sep '79
- Overview statement. (Presentation, Senate Armed Services Committee, Washington, Feb 1, 1979) AF Ploy Ltr for Comdrs: Sup No. 4:15-18 Apr '79
- Participation of the European states in the SALT III negotiations. Hubertus Hoffmann and Rolf Steinrücke. illus NATO's Fifteen Nations 24:78-80+ Jun-Jul '79
- Pentagon covered-up unprecedented 1978 USSR strategic arms build-up. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 116:14+ Mar '79
- Planning for the Navy's future. Francis J. West, Jr. illus tabs US Nav Inst Proc 105:26-33 Oct '79
- The political potential of Soviet equivalence. Benjamin S. Lambeth. Intl Sec 4:22-39 Fall '79
- Posture statements: Soviet threat seen. Harold Brown and Gen David Jones. AF Times 39:12 Feb 12 '79
- Principal U.S. and Soviet aerospace systems. Table only. AF Mag 62:98 Mar '79
- A proposed Defense budget for FY 1980. illus Command 2: entire issue Mar '79
- The pros and cons of a multimission fighter force. Bonner Day. illus AF Mag 62:60-63 Apr '79
- Russia-America. Interview. Gen David C. Jones. (Reprinted from U.S. News & World Report, Oct 30, 1978) illus Command 2:6-9 Feb '79
- SALT II: A European perspective. Manfred Wörner. illus Strat Rev 7:9-15 Summer '79
- SALT II and NATO Europe: An interview with the UK Secretary of Defence (Francis Pym). R. D. M. Furlong. Intl Def Rev 12, No. 8:1286 '79
- SALT II: Better than alternative forms of U.S. inferiority. tabs Armed Forces J Intl 116:45-46+ Jun '79
- SALT and the emerging strategic threat. Peter Hughes. illus tab AF Mag 62:48-53 Mar '79
- SALT and the Navy. LT James L. George, Ret. illus tabs US Nav Inst Proc 105:28-37 Jun '79
- SALT debate aids defense awareness. Edgar Ulsamer. illus AF Mag 62:36-41 Oct '79
- A SALT debate: Continued Soviet deception. David S. Sullivan. illus Strat Rev 7:29-38 Fall '79
- A SALT debate: Hard but fair bargaining. Walter Slocombe. illus Strat Rev 7:22-28 Fall '79
- (SALT superiority) Justin Galen and others. tabs Armed Forces J Intl pt 1, The SALT decade. 116:19-23+ May '79; pt 2, SALT II and the strategy of inferiority. 116:34+ Jun '79
- SALT under the Carter administration. J. I. Coffey. illus tabs Nav War Col Rev 31:6-29 Winter '79

BALANCE OF POWER - Continued

- SALTing the strategic balance. Bob Carr. illus tab NATO's Fifteen Nations 23:36-41 Dec '78-Jan '79
- STRIKFOR SOUTH (Naval Striking and Support Force Southern Europe). John Marriott. illus tab NATO's Fifteen Nations 23:22-24+ Dec '78-Jan '79
- (61st Annual Meeting, American Defense Preparedness Assoc, Arlington, VA, May 17, 1979) illus Natl Def 64:60-69 Jul-Aug '79
- Southern theaters: Is the Warsaw Pact outflanking NATO's southern flank? John Fullerton. Def & For Aff Dig 7, No. 2:36+ '79
- "The Soviets are tough negotiators." Interview. LtGen George M. Seignious II. illus Armed Forces J Intl 116:34-40 Aug '79
- Strategic force modernization plan. William J. Perry. illus Command Plcy 2: entire issue May '79
- Strategic forces through the looking glass. Bridget Gail. tabs Armed Forces J Intl 117:30-33 Dec '79
- Strategic military balance. (Presentation, Senate Committee on Foreign Relations, July 11, 1979) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 9: 10-21 Sep '79
- Strategic systems outlook. Seymour L. Zeiberg. illus Natl Def 64:26-29 Jul-Aug '79
- Summary of DOD Annual Report. (Presentation, Senate Armed Services Committee, Washington, Jan 25, 1979) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 3:2-20 Mar '79
- Superpower naval disengagement in the Mediterranean. Ken Booth. illus RUSI J for Def Studies 124: 28-35 Jun '79
- Tactical air defense--a Soviet-U.S. net assessment. Maj Tyrus W. Cobb. illus tab AU Rev 30:18-39 Mar-Apr '79
- Things, not persons, figure in new budget. Tom Philpott. AF Times 40:1+ Dec 24 '79
- Total force. ADM Elmo R. Zumwalt, Jr. Ret. illus US Nav Inst Proc 105:88-107 May '79
- Toward a new world strategy. (Report on AFA's National Symposium on "Toward a New World Strategy," Los Angeles, Oct 26-27, 1978) Edgar Ulsemer. illus AF Mag 62:60-65 Jan '79
- USAF objective: To maintain a credible force. LtGen Thomas P. Stafford. AF Plcy Ltr for Comdrs: Sup No. 12:15-22 Dec '78
- U.S. arms sales and the Carter White House. Henry T. Simmons. illus Intl Def Rev 12, No. 3:339-343 '79
- U.S. military power in the 1980s. (Presentation, Economic Club of Detroit, May 15, 1979) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 7:17-24 Jul '79
- U.S. national strategy: Outward bound ... with inadequate charts. (Prize Essay, 1979) RADM Robert J. Hanks, Ret. illus US Nav Inst Proc 105:30-35 Apr '79
- U.S. naval forces and the northern flank of NATO. F.J. West, Jr. illus tabs Nav War Col Rev 32: 15-25 Jul-Aug '79

BALANCE OF POWER - Continued

- U.S.' toughest message to the USSR: How U.S. recognition of China bolsters the strategic balance, SALT, and NATO. Justin Galen. tab Armed Forces J Intl 116:30-36 Feb '79
- Von Manstein, "Fall Gelb" and NATO options. Capt Lonnie Otis Ratley III. tabs RUSI J for Def Studies 124:61-65 Mar '79
- "War Without Winners": A handbook of questions and answers on nuclear war. illus Def Monitor 8: entire issue Feb '79
- Western Europe: An improper system of defence. Gen Pierre M. Gallois. RUSI J for Def Studies 124:12-17 Sep '79
- West's superiority: Even if true, is it decisive? Kenneth L. Adelman. tabs Natl Def 63:41+ Jan-Feb '79
- Why not first-strike counterforce capabilities? Carl H. Builder. illus Strat Rev 7:32-39 Spring '79
- Will SALT II survive in the U.S. Senate? Ramon Lopez. illus Intl Def Rev 12, No. 5:700-701 '79
- World hegemony through military superiority. Edgar Ulsemer. tabs AF Mag 62:40-47 Mar '79

BALLISTIC MISSILES see MissilesBALLISTICS

- Ballistic similitude: Why it is necessary. Capt Glen Monigold and William Drum. illus Fld Arty J 47: 57-59 Jan-Feb '79

BALLOONS

- Taking balloons 'cirrusly.' (The Balloon Research & Development Test Branch at Holloman AFB, NM, runs experiments for the AF Geophysics Laboratory) Capt Katie Citler. illus Airman 23:45-48 Oct '79

History

- Lighter-than-air flight in America, 1784-1910. Henry R. Palmer, Jr. illus Am Avn Hist Soc J 24:162-186 Fall '79

BALTIC SEA REGIONStrategic Importance

- The threat to northern Europe. R.D.M. Furlong. illus maps Intl Def Rev 12, No. 4:517-525 '79

BANDS (MUSIC)

- The Army's music makers. SP5 Lana Ott. illus Soldiers 34:11-14 Jan '79
- Band on the run. (U.S. Air Force Band) Eddie McCrossan and Mike Pendrak. illus Airman 23:16-20 Jan '79
- New Marine band director (Maj John R. Bourgeois) carries on Sousa legacy. GySgt F.P. Byrne, Jr. illus MarCor Gaz 63:8 Sep '79

BANKS AND BANKINGSee also

Electronic Funds Transfer System

- Banks making inroads into food stores. Goody L. Solomon. AF Times 39:64 May 14 '79

BANKS AND BANKING - Continued

Banks up points for home sellers. Jay Finegan. AF Times 40:17 Oct 29 '79

BARRACKS AND QUARTERS

See also
Housing

Air Force--U.S.

Base billeting officers: Billing for use of transient/contract quarters. TIG Brief 31:6 Jun 15 '79

Dormitory vandalism: A need for concern. TIG Brief 31:6 Oct 5 '79

Housing the Air Force family. Ed Gates. illus AF Mag 62:81-85 Jun '79

An image carefully constructed: Caring. Capt Donald J. Graybill. illus AF Engrg & Svcs Qtr 20:6-8 Aug '79

Military family housing fires. TIG Brief 31:14 Feb 23 '79

Quality of life considerations in fire stations. TIG Brief 31:6 Sep 21 '79

Armed Forces--U.S.

Advance housing allowance for EM o'seas pushed. AF Times 39:6 Apr 23 '79

DOD criticized on family housing. AF Times 39:43 Apr 16 '79

DOD weighing variable BAQ. AF Times 39:3 Feb 12 '79

Give housing preference to lower EM, says GAO. AF Times 40:16 Oct 8 '79

How the fall of the Shah hurt the barracks COLA. Tom Philpott. AF Times 39:1+ Mar 12 '79

Money requests include oversea 'barracks' COLA. Tom Philpott. AF Times 39:1+ Jan 15 '79

Pirie: Don't link variable BAQ to pay hike. AF Times 39:13 Feb 26 '79

History

Old quarters that never die. Marianne Lester. illus AF Times, Times Magazine sup:4-8 Jan 15 '79

BARRIERS (MILITARY SCIENCE) see Obstacles (Military Science)

BARROW, Robert H.

Barrow to be USMC's 27th Commandant. por Armed Forces J Intl 116:10 Jun '79

Barrow to succeed Wilson as USMC Commandant. por Sea Power 22:20 May '79

Comments on the Corps by the Commandant. por MarCor Gaz 63:6-7 Aug '79

A conversation with General Barrow. Interview. Gen Robert H. Barrow. por Sea Power 22:31-37 Nov '79

Marine Corps' 27th Commandant: Gen Robert H. Barrow named to succeed Gen Louis H. Wilson. por MarCor Gaz 63:2 Jun '79

BARROW, Robert H. - Continued

Wilson's legacy, Barrow's inheritance: A combat-ready corps--but serious hardware and personnel problems continue. L. Edgar Prina. Sea Power 22:37-40 Jun '79

BARTLETT, George L.

BrigGen George L. Bartlett is named new MCA (Marine Corps Assoc) executive director. por MarCor Gaz 63:2 Jan '79

BASE EXCHANGES see Exchanges

BASE OPERATIONS

Busy, busy, busy. TSgt Ellis Mann. illus TAC Attack 19:10-11 Aug '79

Ops topics. Regular feature in issues of Aerospace Safety

BASS, Sampson H., Jr

USAREUR logistics in the eighties. MajGen Sampson H. Bass, Jr. Army Log 11:32-37 Sep-Oct '79

BATTERIES

High energy batteries generating new uses. Charles Wiseman. illus tab Def Elect 11:82-84+ Jul '79

Nicad batteries--a hot summer item. illus USA Avn Dig 25:39 May '79

BATTLEFIELD SURVEILLANCE see Surveillance

BATTLES

See also subdivision Campaigns and Battles under specific wars, e.g.,

Korean War, 1950-1953--Campaigns and Battles
Vietnamese Conflict, 1957-1975--Campaigns and Battles

World War I--Campaigns and Battles
World War II--Campaigns and Battles

Disaster in Penobscot Bay. William Fowler. illus Nav War Col Rev 31:75-80 Winter '79

Fighting outnumbered and winning. Maj Robert P. Straut. illus Mil Rev 59:2-10 May '79

The historian and battle. John Keegan. Intl Sec 3: 138-149 Winter '78-'79

Morgan's raid. SP4 Janette J. Raker. illus map Armor 88:23-25 May-Jun '79

Wagon Box Fight (1867). John Koster. illus Infantry 69:30-33 Nov-Dec '79

History

Exploitation. LtCol Joseph P. Frankoski. illus maps Armor 88:21-23 Jan-Feb '79

BAUER, Louis H.

Louis Bauer: Founder of the Aerospace Medical Association and its Journal. Robert J. Benford. por Aviation, Space & Envmt Med 50:430-438 May '79

BAZLEY, Robert W.

Air Force Inspection and Safety Center. por AF Mag 62:101-102 May '79

BEAM WEAPONS

Charged particle beam weapons: Should we? Could we? LCDR William E. Wright. illus tabs US Nav Inst Proc 105:28-35 Nov '79

Directed energy weapons. Paul A. Chadwell. illus tab Natl Def 64:56-62 Nov-Dec '79

Opportunities and imperatives of ballistic missile defense. Malcolm Wallop. illus Strat Rev 7:13-21 Fall '79

Progress on energy beam weapons. Bonner Day. illus tabs AF Mag 62:62-65 Jul '79

BEHAVIORISM (PSYCHOLOGY)

A competence theory versus need theory of political involvement. Edward G. Carmine. tabs J Pol & Mil Sociol 6:17-28 Spring '78

Effectiveness and cohesion of the German ground forces in World War II. W. Victor Madej. tabs J Pol & Mil Sociol 6:233-248 Fall '78

Perceptions: Believing is seeing. Rich Johnson. illus AF Engrg & Svcs Qtr 20:3-8 Feb '79

Survival in combat as a collective exchange process. Frederick J. Kviz. J Pol & Mil Sociol 6:219-232 Fall '78

When family life falls apart. Clifford R. Dunning. illus AF Times pt 1, 39:39+ Jan 8 '79; pt 2, Foundering families can get help. 39:43+ Jan 15 '79

BENEFITS see

Bonuses

Fringe Benefits

Survivors Rights and Benefits
Veterans Benefits

BERKMAN, William R.

Chief (of Army Reserve, MajGen William R. Berkman) asks for unwavering dedication. por Officer 55: 10-11 Sep '79

(Maj)Gen Berkman sworn in as (Army) Reserve Chief. por Officer 55:15 Jul '79

Manpower prime Reserves concern. MajGen William R. Berkman. por Army 29:92-95 Oct '79

BERLINDescription and Travel

Berlin: A house divided. Steve Abbott. illus Soldiers 34:13-16 May '79

BERLIN AIRLIFT

Berlin Airlift: Flying the corridors. Maj Charles W. Specht. illus maps Navigator 26:27-31 Winter '79

In memoriam: The first Berlin crisis. Martin Reuss. illus Mil Rev 59:30-38 May '79

When America kept a city alive: 30 years ago Soviets tried to starve Berlin. Jay Finegan. illus AF Times 39:16 Apr 30 '79

BERRY, Schuyler P.

Notes from the Professional Military Comptroller School (Air University, Maxwell AFB, AL): The PMCS student selection process. Col Schuyler P. Berry. por AF Compt 13:40-41 Jul '79

BICYCLES see Motorcycles and Bicycles

BIOASTRONAUTICS

Caloric and exercise requirements of space flight: Biostereometric results from Skylab. Michael W. Whittle. tabs Aviation, Space & Envmt Med 50: 163-167 Feb '79

BIOGRAPHY see subdivision Biography under specific subjects, e.g.,
Army--Biography
Astronauts--Biography
Marine Corps--Biography

BIOLOGICAL RESEARCH

See also

Space Biology

BIOLOGICAL RHYTHMS

Correlation of choice reaction time performance with biorhythmic criticality and cycle phase. John H. Wolcott and others. tabs Aviation, Space & Envmt Med 50:34-39 Jan '79

Rhythms of flight. Maj Alan D. York. illus tab MAC Flyer 26:19-21 Mar '79

BIOLOGICAL WARFARE see Chemical-Biological Warfare

BIORHYTHMS see Biological Rhythms

BIRDS

The bird nemesis. Maj James Gillespie. illus Aerosp Safety 35:2-3 Jun '79

Bird of patriots (Bald Eagle). Philip R. Smith, Jr. illus Soldiers 34:38-39 Apr '79

Birdfeathers! TIG Brief 31:17 Nov 16 '79

Birdflight and aviation--an unheralded view. Lester D. Stephens. illus Am Avn Hist Soc J 23:267-271 Winter '78

Birds and planes don't mix--the BASH (Bird/Aircraft Strike Hazard) program. Capt Jeffrey J. Short. illus tabs map Aerosp Safety 35:26-28 Oct '79

Birds are back. Maj Lionel P. Johnson. illus Interceptor 21:12-15 Sep '79

Birds, birds, birds--watch out for them. illus TAC Attack 19:10-11 Sep '79

The birdstrike hazard reduction program. TIG Brief 31:19 Feb 23 '79

Birdstrike on B-52 and KC-135. Walt House. illus tabs Combat Crew 29:8-9+ Jul '79

'78 bird collisions cost \$2 million. tab AF Times 39:17 Jun 11 '79

BLACKS IN THE ARMED FORCES

Blacks need counseling--a matter of bonus money. M. Kathleen Carpenter. AF Times 40:15 Sep 24 '79

Comments at Tuskegee Institute honoring Black military leaders (Aug 17, 1979). Antonia Handler Chayes. AF Plcy Ltr for Comdrs: Sup No. 10:8-13 Oct '79

Equal employment opportunity. (Presentation, Air Force Logistics Command Equal Employment Opportunity Conference, Robins AFB, GA, March 8, 1979) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup No. 10:14-20 Oct '79

BLACKS IN THE ARMED FORCES - Continued

Integration of the Navy (1941-1978). Frederick S. Harrod. illus US Nav Inst Proc 105:40-47 Oct '79

The long & the shorthand of it. (SSgt M.A. (Reese) Goode is an AF stenographer) SSgt M.A. Goode. illus Airman 23:17-19 Oct '79

Procurement of Black Army officers is in trouble. Nathaniel P. Moore. illus Parameters 8:55-61 Dec '78

History

Dedication to excellence. (Presentation, Free and Accepted Masons, Prince Hall Affiliation, Rocky Mountain Lodge No. 1, Denver, May 26, 1979) MajGen Lucius Theus, Ret. AF Plcy Ltr for Comdrs: Sup No. 8:22-28 Aug '79

Jim Crow in the Navy (1798-1941). Frederick S. Harrod. illus tab US Nav Inst Proc 105:46-53 Sep '79

BLANCHARD, George S.

One voice in Europe. Gen George S. Blanchard. Army 29:22-26 Jan '79

BLIMPS see AirshipsBLOCK, Emil N., Jr

A push for huge transport (CX). por AF Times 40:11 Dec 17 '79

BLOOD

Cardiovascular regulatory response to lower body negative pressure following blood volume loss. Masashi Shimizu and others. illus tabs Aviation, Space & Envmt Med 50:24-33 Jan '79

BOATS

Boating's dozen deadly sins. illus TAC Attack 19:4-6 May '79

The combat support boat. Derek I. Knight. illus Mil Engr 71:412-414 Nov-Dec '79

History

Forty-three days in a longboat. CDR Alexander Crosby Brown, Ret. illus US Nav Inst Proc 105:78-80 Jan '79

BODYCOMBE, Richard

Air Force Reserve. por AF Mag 62:108-109 May '79

Bodycombe pilots Reserve. CMSgt Matt Mitchell. por Air Reservist 31:6-7 Jun '79

General Bodycombe served in successively important posts. por Officer 55:14 Jun '79

New Chief (of Air Force Reserve) nominated. (MajGen Richard Bodycombe) por Air Reservist 31:4 Apr '79

Reserves are ready, says Bodycombe. Ron Sanders. por AF Times 39:6 Jun 25 '79

BOEING CO

Boeing charts a course through the 1980s. J. Philip Geddes. illus tabs Interavia 34:646-650 Jul '79

BOLGER, William F.

(The Postal Service and electronic communications) (Industrial luncheon address, AFCEA, Washington, June 21, 1979) William F. Bolger. por Signal 33: 47-50 Aug '79

BOLIVIAForeign RelationsParaguay--History

The Chaco War. Adrian J. English. map Army Qtr 109:350-358 Jul '79

BOMBER UNITS

Giant Voice 78. illus tabs Combat Crew 29:4-7+ Jan '79

Teamwork and effort. (7th Bombardment Wg, Carswell AFB, TX) LtCol John P. Hopper. illus Combat Crew 29:4-7+ Dec '79

History

Mediterranean Marauder markings. Victor C. Tannehill. illus Am Avn Hist Soc J 24:55-67 Spring '79

Minot's (AFB, ND) 5th (Bombardment Wg) one of oldest. AF Times 40:23 Sep 3 '79

The red-tailed beauties of the 7th Bomb Wing. Meyers K. Jacobsen. illus Am Avn Hist Soc J 24:19-40 Spring '79

Seventeen bits and pieces: Boeing's B-17 Fs and Gs assigned to the 8th U.S. Army Air Force, August 1942-May 1945. Paul M. Andrews. illus tabs Am Avn Hist Soc J pt 1, 1st Air Division. 24:202-213 Fall '79

BOMBING

Air support. (Front bomber aviation, 1941-1945) Col Ye. Veraksa. illus Soviet Mil Rev No. 9:45-47 Sep '79

Bombing in a complicated manoeuvre. LtCol V. Korenkov. illus Soviet Mil Rev No. 11:20-21 Nov '79

The Durandal runway penetration bomb. illus Intl Def Rev 12, No. 4:603-605 '79

How high does the bomb go? Maj Butch Swenson. illus tabs USAF Ftr Wpns Rev, pp 2-5, Summer '79

The smart bomb. LtCol Wolfgang Samuel. illus USAF Ftr Wpns Rev, pp 4-9, Winter '78

History

Bomber navigation. Norman W. Emmott. (Reprinted from United States Naval Institute Proceedings, May 1969) illus Navigator pt 1, 25:22-25 Winter '78; pt 2, 26:25-28 Spring '79

Study and Teaching

The Castle (AFB, CA) story: Making of a crewmember. Capt Ronald S. Bartlett. illus Combat Crew 29:4-7+ Feb '79

BOMBING AND GUNNERY RANGES

Bombs over Bardenas. (USAFE aircrews train at the bombing range at Zaragoza AB, Spain) SMSgt Dave Sheeder. illus Airman 23:21-27 Nov '79

BOMBING AND GUNNERY RANGES - Continued

Everything you wanted to know about ranges. Capt Eric E. Holdeman. *illus Infantry* 69:27-30 Sep-Oct '79

Favorable court ruling on Vieques suit. L. Edgar Prina. *illus Sea Power* 22:51-52 Oct '79

Is Shima--tiny outpost in the sea: 25 people run bombing range, air field. Mike Daniels. *illus AF Times* 39:39 Jan 29 '79

Opposed landings--Vieques: The Navy comes under 'constant bombardment.' James D. Hessman. *illus Sea Power* 22:12-16 Mar '79

BOMBING, NAVIGATION, ETCCompetitionsAir Force

Giant Voice 78. *illus tabs Combat Crew* 29:4-7+ Jan '79

Giant Voice: Pease (AFB, NH) grabs Fairchild (Trophy). *illus AF Times* 40:28 Dec 17 '79

BOMBINGS, TERRORIST see TerrorismBOMBSSee also

Neutron Bomb
Nuclear Bombs

The Durandal runway penetration bomb. *illus Intl Def Rev* 12, No. 4:603-605 '79

Guidance and Control

U.S. DOD defends GBU-15. *illus Intl Def Rev* 12, No. 1:15 '79

BONUSES

Bill would give docs \$22,000 in bonuses. Suzanne Viau. *AF Times* 40:14 Sep 24 '79

Blacks need counseling--a matter of bonus money. M. Kathleen Carpenter. *AF Times* 40:15 Sep 24 '79

Can 'up-front' \$\$ do the job? Bruce Callander. *AF Times* 40:16+ Dec 24 '79

Defense Authorization Bill: O'seas kin reduced; doctors get bonus. *AF Times* 40:4 Nov 12 '79

Do-it-yourself movers get \$\$ boost; fuel aid asked. *AF Times* 39:1+ Jul 16 '79

18 SRB skills added Oct 1. Bruce Callander. *AF Times* 40:1+ Sep 17 '79

Extra bonus dollars seen for next year. Tom Philpott. *AF Times* 40:1+ Dec 17 '79

Hart bill asks \$\$ for docs, dentists, too. *tab AF Times* 39:21 Apr 16 '79

House passes doctor bonus bill. Richard C. Barnard. *AF Times* 40:6 Nov 26 '79

How pilot bonus idea would work. Bruce Callander. *AF Times* 39:4 Feb 19 '79

New bonuses seen for senior EM. *AF Times* 40:1+ Sep 10 '79

\$9000 annual bonus sought for docs (by House Armed Services Subcommittee on Military Compensation). Richard C. Barnard. *AF Times* 39:3 Apr 23 '79

BONUSES - Continued

\$9000 M.D. bonus proposed in House. *AF Times* 39:8 May 28 '79

OMB will weigh flight pay raise. Bruce Callander. *AF Times* 40:3 Dec 17 '79

Pay some doctors a super bonus. (Interview with Vernon McKenzie) *illus AF Times* 39:10 Jul 16 '79

Performance pay--will it work? Richard A. Stimson. *illus Def Mgt J* 15:23-27 Jul-Aug '79

President rejects DOD pay package. Tom Philpott. *AF Times* 40:1+ Dec 10 '79

SRB reenlistees in April due money in lump sum. Bruce Callander. *AF Times* 39:1+ Mar 19 '79

Senate OKs bonus boost for docs. *AF Times* 40:4 Dec 31 '79

BOOK REVIEWS

Academic Quality Control: The Case of College Programs on Military Bases, by S.K. Bailey. *Parameters* 9:90-91 Sep '79

Airpower in Three Wars, by W.W. Momyer. *AF Mag* 62:63 Feb '79; *AF Plcy Ltr for Comdrs: Sup No. 7*: 32 Jul '79

Alarm and Hope, by A.D. Sakharov. *Parameters* 9: 93-94 Jun '79

Alfred Thayer Mahan: The Man and His Letters, by R. Seager II. *MarCor Gaz* 63:65-66 Dec '79

The All-Volunteer Force: A Study of Ideology in the Military, by J.G. Bachman and others. *J Pol & Mil Sociol* 6:293-295 Fall '78

Allende's Chile: The Political Economy of the Rise and Fall of the Unidad Popular, by S. de Vylder. *Armed Forces & Soc* 5:487-494 Spring '79

Allies of a Kind, the United States, Britain and the War Against Japan, 1941-1945, by C. Thorne. *AU Rev* 31:91-97 Nov-Dec '79

America in Vietnam, by G. Lewy. *Army* 29:68+ Mar '79; *Def Trans J* 35:62 Apr '79; *Nav War Col Rev* 32:124-125 Mar-Apr '79; *Mil Rev* 59:92-93 Jul '79; *RUSI J for Def Studies* 124:84-85 Jun '79; *US Nav Inst Proc* 105:96 Jul '79

American and Soviet Military Trends since the Cuban Missile Crisis, by J.M. Collins. *Natl Def* 63:78 Jan-Feb '79; *RUSI J for Def Studies* 124:84 Mar '79; *MarCor Gaz* 63:67 Jun '79

American Caesar: Douglas MacArthur, 1880-1964, by W. Manchester. *MarCor Gaz* 63:59-60 Jan '79; *Mil Rev* 59:87-88 Apr '79; *Intl Sec* 3:58-80 Spring '79; *US Nav Inst Proc* 105:97-98 Jul '79

American Defense Policy, by J.E. Endicott and R.W. Stafford, Jr. *Army Qtr* 108:502-503 Oct '78

The American Image of Russia, 1917-1977, edited by B.L. Grayson. *MarCor Gaz* 63:66 Jul '79

The American Naval Heritage in Brief, by P.E. Coletta. *US Nav Inst Proc* 105:97-98 Apr '79

The American Occupation of Germany: Retreat to Victory, by E.N. Peterson. *Mil Rev* 59:94-95 Feb '79; *Army* 29:65-66 Apr '79

The American Presidency, by R.M. Pious. *MarCor Gaz* 63:60 Oct '79

BOOK REVIEWS - Continued

- American Thinking about Peace and War, by K.Booth and M.Wright. Nav War Col Rev 31:100 Winter '79
- The American Touch in Micronesia, by D.Nevin. Armed Forces & Soc 5:500-507 Spring '79
- Anchors in the Sky: Spuds Ellyson, the First Naval Aviator, by G.van Deurs. US Nav Inst Proc 105: 88-89 Mar '79
- Anzio: Edge of Disaster, by W.L.Allen. Mil Rev 59: 87-88 Sep '79
- The Arabs, by P.Mansfield. Mil Rev 59:93-94 Nov '79
- The Arabs in Israel, by S.Jiryis. AU Rev 30:100-101 Jan-Feb '79
- The Armed Forces of the USSR, by H.F.Scott and W.F.Scott. Strat Rev 7:63-65 Summer '79; Nav War Col Rev 32:121-123 Sep-Oct '79; AF Plcy Ltr for Comdrs: Sup No.12:37-38 Dec '79
- Armed Struggle in Palestine: A Political-Military Analysis, by B.E.O'Neill. RUSI J for Def Studies 124:81-82 Jun '79
- The Arms Bazaar, by A.Sampson. AU Rev 30:79-83 Nov-Dec '78
- Arms Transfers to the Third World: The Military Buildup in Less Industrial Countries, edited by U.Ra'anan and others. Parameters 9:91-92 Jun '79
- Aspects of Sino-American Relations since 1784, edited by T.H.Etzold. Army 29:71+ Mar '79
- Autobiography of Values, by C.A.Lindbergh. AU Rev 30:90 Jul-Aug '79
- Bargaining for Supremacy, by J.R.Leutze. Army Qtr 108:501 Oct '78
- Bataan and Beyond, by J.S.Coleman, Jr. Nav War Col Rev 32:118-119 Mar-Apr '79
- Bay of Pigs: The Untold Story, by P.Wyden. AF Mag 62:86 Oct '79; US Nav Inst Proc 105:110 Oct '79
- Betrayal in Vietnam, by L.A.Fanning. AU Rev 30: 102 Jan-Feb '79
- Big Story: How the American Press and Television Reported and Interpreted the Crisis of Tet 1968 in Vietnam and Washington, by P.Braestrup. Nav War Col Rev 31:101-102 Winter '79; AU Rev 30: 84-88 Nov-Dec '78; Mil Rev 59:88-89 Mar '79; AU Rev 31:105-106 Nov-Dec '79
- Black Americans in World War II, by A.R.Buchanan. Nav War Col Rev 32:103-104 Feb '79
- Black Jack: The Life and Times of John J.Pershing, by F.E.Vandiver. Army Qtr 108:253-254 Apr '78; AU Rev 30:68-79 Jul-Aug '79
- The Brink: Cuban Missile Crisis, 1962, by D.Detzer. US Nav Inst Proc 105:108-109 Oct '79; Army 29: 58-59 Dec '79
- British Intelligence in the Second World War: Its Influence on Strategy and Operations, by F.H.Hinsley and others. Parameters 9:84-86 Jun '79
- Brothers in Blood: The International Terrorist Network, by O.Demaris. MarCor Gaz 63:68 Jun '79
- The Bunker: The History of the Reich Chancellery Group, by J.P.O'Donnell. MarCor Gaz 63:67-68 Aug '79

BOOK REVIEWS - Continued

- Burma 1942-1945, by R.Callahan. RUSI J for Def Studies 124:87 Jun '79
- Cambodia: Year Zero, by F.Ponchaud. Trans by N.Amphoux. Mil Rev 59:89-90 Mar '79
- Canadian Military Independence in the Age of the Superpowers, by B.Cuthbertson. RUSI J for Def Studies 123:82 Dec '78
- Chance and Circumstance: The Draft, the War and the Vietnam Generation, by L.M.Baskir and W.A.Strauss. Parameters 8:90 Dec '78
- The Changing World of the American Military, edited by F.D.Margiotta. Nav War Col Rev 32:118-121 Sep-Oct '79
- Charles A.Lindbergh: An American Life, edited by T.D.Crouch. AU Rev 30:90 Jul-Aug '79
- Chile: The State and Revolution, by I.Roxborough and others. Armed Forces & Soc 5:487-494 Spring '79
- China and America: The Search for a New Relationship, edited by W.J.Barnds. Nav War Col Rev 32: 100-102 Feb '79
- Churchill and Eden at War, by E.Barker. RUSI J for Def Studies 124:89-90 Mar '79
- Churchill and the Admirals, by S.Roskill. US Nav Inst Proc 105:96-97 Sep '79
- City of Fire: Los Alamos and the Birth of the Atomic Age, 1943-1945, by J.W.Kunetka. AU Rev 30:103 May-Jun '79
- Civil-Military Relations, by A.J.Goodpaster and S.P.Huntington. Nav War Col Rev 31:107-108 Winter '79
- Civil-Military Relations: Changing Concepts in the Seventies, edited by C.L.Cochran. J Pol & Mil Sociol 7:173-175 Spring '79
- Civil-Military Relations in Communist Systems, edited by D.R.Herspring and I.Volgyes. Parameters 9:90-91 Jun '79
- Civil War in South Russia, 1919-1929: Defeat of the Whites, by P.Kenez. Armed Forces & Soc 6:148-161 Fall '79
- Clausewitz and the State, by P.Paret. AU Rev 30: 84-93 Jan-Feb '79
- The Clouded Lens: Persian Gulf Security and U.S. Policy, by J.H.Noyes. Mil Rev 59:90 Nov '79
- Commandos and Politicians: Elite Military Units in Modern Democracies, by E.A.Cohen. J Pol & Mil Sociol 7:170-171 Spring '79
- Commandos and Rangers of World War II, by J.Ladd. Mil Rev 59:89 Jul '79
- Common Sense Training: A Working Philosophy for Leaders, by A.S.Collins. MarCor Gaz 63:64 Dec '79
- Contemporary Terrorism: Selected Readings, edited by J.D.Elliott and L.K.Gibson. Parameters 8: 90-91 Dec '78
- Corps Commander, by B.Horrocks and others. MarCor Gaz 63:67-68 Jun '79

BOOK REVIEWS - Continued

- The Counter-insurgency Era: U.S. Doctrine and Performance, 1950 to the Present**, by D.S. Blaufarb. MarCor Gaz 63:68-69 Jun '79
- A Crisis for the American Press**, by J. Hohenberg. MarCor Gaz 63:66-67 Jul '79
- Crisis in Command: Mismanagement in the Army**, by R.A. Gabriel and P.L. Savage. Parameters 8:86-87 Dec '78; Educ J 21:8-10 '78/'79; Nav War Col Rev 32:108-109 Feb '79; Air Def Mag, pp 57-58, Apr-Jun '79; AU Rev 30:87 Jul-Aug '79
- Crisis Resolution: Presidential Decision Making in the Mayaguez and Korean Confrontations**, by R.G. Head and others. Mil Rev 59:86-87 Jun '79
- Cuba in the 1970s: Pragmatism and Institutionalization**, by C. Mesa-Lago. Mil Rev 59:92-93 Sep '79
- The Cyprus Revolt: An Account of the Struggle for Union with Greece**, by N. Crawshaw. RUSI J for Def Studies 124:84-85 Mar '79
- Cyprus Witness**, by I.K. Mazarakis Ainiian. J Pol & Mil Sociol 6:105-122 Spring '78
- Deadly Magic**, by E. Van Der Rhoer. US Nav Inst Proc 105:98-100 Jun '79; MarCor Gaz 63:59-60 Oct '79; Sea Power 22:45 Oct '79; Natl Def 64:84-85 Nov-Dec '79
- Decent Interval**, by F. Snepp. AU Rev 30:87-88 Jul-Aug '79
- The Defense Transportation System--Competition or Complement to the Private Sector?** By C.H. Whitehurst, Jr. Def Trans J 35:67 Oct '79
- Deliverance Day: The Last Hours at Dachau**, by M. Selzer. MarCor Gaz 63:67 Sep '79
- Denmark, the Baltic Sea and Soviet Power**, by E. Beukel. Mil Rev 59:71-72 Jul '79
- The Department of State in the Middle East, 1919-1945**, by P.J. Baram. Infantry 69:51 Jul-Aug '79
- The Derelicts of Company K: A Sociological Study of Demoralization**, by T. Shibutani. Army 29:64+ May '79
- The Disintegrating West**, by M. Kaldor. RUSI J for Def Studies 123:77-78 Dec '78
- Dispatches**, by M. Herr. AU Rev 30:89 Nov-Dec '78
- Double Edged Secrets**, by W.J. Holmes. US Nav Inst Proc 105:98-100 Jun '79; Strat Rev 7:82-84 Fall '79; Mil Rev 59:90 Dec '79; Nav War Col Rev 32:114-115 Sep-Oct '79
- Dropshot: The American Plan for World War II Against Russia in 1957**, edited by A.C. Brown. MarCor Gaz 63:66 Jul '79; AU Rev 30:76-77 Sep-Oct '79
- The Duel of the Giants: China and Russia in Asia**, by D. Middleton. Nav War Col Rev 32:114-115 Feb '79; Parameters 9:97-98 Mar '79; Strat Rev 7:75-77 Spring '79; Air Def Mag, pp 59-60, Apr-Jun '79; Army 29:66-67 Jun '79; MarCor Gaz 63:70 Jul '79
- Economic Issues and National Security**, edited by K. Knorr and F.N. Trager. AU Rev 31:88-90 Nov-Dec '79

BOOK REVIEWS - Continued

- Elusive Victory: The Arab-Israeli Wars, 1947-1974**, by T.N. Dupuy. Mil Rev 59:87-88 Jul '79; Nav War Col Rev 32:105-106 Jul-Aug '79
- Essays on the Cyprus Conflict**, edited by V. Coufoudakis. J Pol & Mil Sociol 6:105-122 Spring '78
- 'Eurocommunism': Implications for East and West**, by R. Godson and S. Haseler. Nav War Col Rev 32:116-117 May-Jun '79; RUSI J for Def Studies 124:79-80 Jun '79
- Eurocommunism: The Italian Case**, edited by A. Ranney and G. Sartori. Parameters 8:92-93 Dec '78; Mil Rev 59:91-92 Jun '79
- Europe Without Defense?** By R. Close. Strat Rev 7:65-67 Summer '79
- Evolution of the American Military Establishment since World War II**, edited by P.R. Schratz. AU Rev 30:93-94 Jul-Aug '79
- The Face of Battle**, by J. Keegan. AF Plcy Ltr for Comdrs: Sup No. 6:6 Jun '79
- Families in the Military System**, edited by H.I. McCubbin and others. MarCor Gaz 63:62 Feb '79
- The Fateful Ends and Shades of SALT**, by P.H. Nitze and others. AF Mag 62:101-102 Jul '79; Sea Power 22:39 Jul '79
- The Flying White House**, by J.F. terHorst and R. Albertazzie. AF Mag 62:144 Sep '79
- The French Against the French**, by M. Dank. Armed Forces & Soc 6:162-167 Fall '79
- Friendly Fire**, by C.D.B. Bryan. US Nav Inst Proc 105:92-94 Feb '79
- The Future Global Challenge: A Predictive Study of World Security, 1977-1990**, by N. Brown. Strat Rev 7:84-87 Winter '79; Army Qtr 108:357 Jul '78
- The Future of United States Naval Power**, by J.A. Nathan and J.K. Oliver. Strat Rev 7:72-73 Fall '79
- The Geopolitics of the Nuclear Era: Heartland, Rimlands, and the Technological Revolution**, by C.S. Gray. AU Rev 31:90-91 Nov-Dec '79
- Germany 1866-1945**, by G.A. Craig. MarCor Gaz 63:65-66 Aug '79
- The Glider Gang: An Eyewitness History of World War II Glider Combat**, by M. Dank. Royal Air Forces Qtr 18:408 Winter '78
- The Goebbels Diaries**, by H. Trevor-Roper. Army Qtr 108:510-511 Oct '78
- Grand Strategy for the 1980's**, edited by B. Palmer, Jr. Natl Def 63:78-79 Jan-Feb '79; Mil Rev 59:90-91 May '79; MarCor Gaz 63:69-70 Sep '79
- Guardians of the Dynasty: A History of the U.S. Created Guardia Nacional de Nicaragua and the Somoza Family**, by R. Millett. Armed Forces & Soc 5:329-333 Winter '79
- Guerrilla Warrior: The Early Life of John J. Pershing**, by D. Smythe. AU Rev 30:68-79 Jul-Aug '79
- Guts & Glory: Great American War Movies**, by L.H. Suid. Nav War Col Rev 32:127-128 Mar-Apr '79; MarCor Gaz 63:68-69 Sep '79; US Nav Inst Proc 105:96-97 Jul '79; Aerosp Hist 26:264 Dec '79

BOOK REVIEWS - Continued

- The History of the SS, by G.S.Grabner. MarCor Gaz 63:62-63 Feb '79
- Hitler vs Roosevelt: The Undeclared Naval War, by T.A.Bailey and P.B.Ryan. US Nav Inst Proc 105: 105-106 Oct '79
- Hitler's Generals, by R. Brett-Smith. MarCor Gaz 63:67 Aug '79; Infantry 69:55 Nov-Dec '79
- Hitler's Spies: German Military Intelligence in World War II, by D.Kahn. AF Mag 62:66-67 Jan '79; RUSI J for Def Studies 124:91-92 Mar '79; MarCor Gaz 63:70-71 Aug '79; US Nav Inst Proc 105:106-107 Oct '79
- Honorable Men: My Life in the CIA, by W.Colby and P.Forbath. Parameters 8:95-96 Dec '78; RUSI J for Def Studies 123:81 Dec '78; Strat Rev 7:84-86 Spring '79
- I Was a Stranger, by J.W.Hackett. Army 29:66-67 Apr '79
- The Ides of August: The Berlin Wall Crisis, 1961, by C.Cate. Strat Rev 7:84-87 Fall '79
- Illusions of Choice: The F-111 and the Problem of Weapons Acquisition Reform, by R.F.Coulam. AU Rev 30:79-83 Nov-Dec '78
- Imbalance of Power: Shifting U.S.-Soviet Strengths, by J.M.Collins with A.H.Cordesman. Armor 87: 56 Nov-Dec '78
- Imperialism at Bay: The United States and the Decolonization of the British Empire, 1941-1945, by W.R.Louis. Nav War Col Rev 31:112-114 Winter '79; Infantry 69:53-54 Jul-Aug '79
- The Imperialist Revolutionaries: Trends in World Communism in the 1960s and 1970s, by H.Seton-Watson. Nav War Col Rev 32:126-127 Mar-Apr '79
- In Peace and War: Interpretations of American Naval History, 1775-1978, edited by K.J.Hagan. US Nav Inst Proc 105:97-98 Apr '79
- In Search of Identity, by A.el-Sadat. RUSI J for Def Studies 123:86-87 Dec '78
- In the Direction of the Gulf: The Soviet Union and the Persian Gulf, by A.Yodfat and M.Abir. Mil Rev 59:85-86 Aug '79
- Instruments of Darkness: The History of Electronic Warfare, by A.Price. Army 29:65 Apr '79; MarCor Gaz 63:84 May '79
- Intelligence, Espionage, Counterespionage and Covert Operations: A Guide to Information Sources, edited by P.W.Blackstock and F.L.Schaf. AU Rev 30:89 May-Jun '79
- International Pressures and Political Change in South Africa, edited by F.M.C.Vaughan. RUSI J for Def Studies 124:92 Jun '79
- Intervention or Abstinence: The Dilemma of American Foreign Policy, edited by R.Higham. AU Rev 30: 57-58 Sep-Oct '79
- The Irony of Vietnam: The System Worked, by L.H. Gelb and R.K.Betts. Nav War Col Rev 32:111-112 Sep-Oct '79
- Israel: The Embattled Ally, by N.Safran. MarCor Gaz 63:85-86 May '79

BOOK REVIEWS - Continued

- It Sure Looks Different from the Inside, by R.Nessen. MarCor Gaz 63:62 Apr '79
- Japan: The Fragile Superpower, by F.Gibney. Mil Rev 59:85 Oct '79
- The Jennifer Project, by C.W.Burleson. US Nav Inst Proc 105:100-101 Jun '79
- Just and Unjust Wars: A Moral Argument with Historical Illustrations, by M.Walzer. Armor 87:55 Nov-Dec '78; Nav War Col Rev 31:88-94 Winter '79; RUSI J for Def Studies 124:88 Mar '79
- Kesselring: The Making of the Luftwaffe, by K. Macksey. Strat Rev 7:77-79 Spring '79
- The Killing Zone: My Life in the Vietnam War, by F.Downs. Army 29:68+ Mar '79; Mil Rev 59:94 Jun '79; Infantry 69:54 Nov-Dec '79
- Kolyma: The Arctic Death Camps, by R.Conquest. Parameters 9:92-93 Sep '79
- The Last Chopper: The Denouement of the American Role in Vietnam, 1964-1975, by W.A.Brown. AU Rev 30:92-93 Mar-Apr '79; AU Rev 31:102-103 Nov-Dec '79
- The Lasting Honour: The Fall of Hong Kong 1941, by O.Lindsay. RUSI J for Def Studies 124:92 Mar '79
- Leadership, by J.M.Burns. MarCor Gaz 63:60 Apr '79; Army 29:63-64 May '79; US Nav Inst Proc 105:96-97 Apr '79
- The Lessons of Vietnam, edited by W.S.Thompson and D.D.Frizzell. US Nav Inst Proc 105:92-94 Feb '79
- Lightning Joe: An Autobiography, by J.L.Collins. Parameters 9:86-87 Jun '79; Army 29:68 Nov '79
- The Limits of Military Intervention, edited by E.P. Stern. Army 29:58-59 Jul '79
- Lindbergh Alone, by B.Gill. AU Rev 30:88-89 Jul-Aug '79
- Linebacker II: A View from the Rock, by J.R.McCarthy and G.B.Allison. AF Mag 62:26 Dec '79
- MacArthur, by C.Blair, Jr. US Nav Inst Proc 104: 114 Dec '78
- The McNamara Strategy and the Vietnam War--Program Budgeting in the Pentagon, 1960-1968, by G.Palmer. US Nav Inst Proc 105:95-96 Jul '79; Parameters 9:99-100 Sep '79
- The Making of a Missile Crisis: October 1962, by H.S.Dinerstein. AU Rev 30:58-60 Sep-Oct '79
- The Man Who Broke Purple, by R.Clark. Natl Def 64:92 Jul-Aug '79; US Nav Inst Proc 105:98-99 Dec '79
- Many Reasons Why, by M.Charlton and A.Moncrieff. RUSI J for Def Studies 124:84-85 Jun '79
- Mao Tse-tung on Guerrilla Warfare, trans by S.B. Griffith II. Nav War Col Rev 32:117-118 May-Jun '79; MarCor Gaz 63:70-71 Sep '79
- The Marshall Plan Summer, by T.A.Bailey. Nav War Col Rev 31:95 Winter '79
- Masters of the Art of Command, by M.Blumenson and J.L.Slokesbury. AF Plcy Ltr for Comdrs: Sup No.5:29 May '79

BOOK REVIEWS - Continued

- A Matter of Risk**, by R. Varner and W. Collier. US Nav Inst Proc 105:100-101 Jun '79
- Menaheem Begin: The Legend and the Man**, by E. Haber. Trans by L. Williams. Parameters 9:87-88 Jun '79
- Micronesia: Trust Betrayed; Altruism vs Self Interest in American Foreign Policy**, by D. F. McHenry. Armed Forces & Soc 5:500-507 Spring '79
- Microstates in World Affairs**, by E. Plischke. AU Rev 30:96-97 May-Jun '79
- The Midnight War: American Intervention in Russia**, by R. Goldhurst. Armed Forces & Soc 6:148-161 Fall '79
- The Military and Politics in Modern Times: On Professionals, Praetorians, and Revolutionary Soldiers**, by A. Perlmutter. J Pol & Mil Sociol 7:165-166 Spring '79
- The Military Chaplain**, by C. L. Abercrombie III. J Pol & Mil Sociol 6:135-136 Spring '78
- Military Families: Adaptation to Change**, edited by E. J. Hunter and D. S. Nice. Mil Rev 59:90-91 Oct '79
- The Military in American Society**, by D. N. Zillman and others. Nav War Col Rev 32:116-117 Jul-Aug '79
- The Military in Chilean History: Essays in Civil-Military Relations, 1810-1973**, by F. M. Nunn. Armed Forces & Soc 5:487-494 Spring '79
- Military Institutions and Coercion in the Developing Nations**, by M. Janowitz. AU Rev 30:94-96 May-Jun '79
- Military Roles in Modernization: Civil-Military Relations in Thailand and Burma**, by M. Lissak. J Pol & Mil Sociol 6:124-127 Spring '78
- Minimum Disclosure: How the Pentagon Manipulates the News**, by J. A. Heise. MarCor Gaz 63:60-61+ Oct '79
- The Mirror's Image**, by F. Gross and D. Cragg. Army 29:59-60 Dec '79
- The Missing Man: Politics and the MIA**, by D. L. Clarke. AU Rev 30:78 Sep-Oct '79
- The Murder of Allende**, by S. R. Rojas. Armed Forces & Soc 5:487-494 Spring '79
- Muslim National Communism in the Soviet Union: A Revolutionary Strategy for the Colonial World**, by A. A. Bennigsen and S. E. Wimbush. Mil Rev 59:89 Nov '79
- The My Lai Inquiry**, by W. R. Peers. AF Mag 62:92+ Aug '79; Army 29:55-56 Sep '79; US Nav Inst Proc 105:97 Nov '79
- The Myth of Victory: What Is Victory in War?** By R. W. Hobbs. Armed Forces J Intl 117:45 Dec '79
- The National Air and Space Museum**, by C. D. B. Bryan. AF Times 40:8 Oct 22 '79
- The Nazi Connection**, by F. W. Winterbotham. Parameters 8:91-92 Dec '78; US Nav Inst Proc 105:89-90 Mar '79; MarCor Gaz 63:70 Aug '79
- Negotiations: Social Psychological Perspectives**, edited by D. Druckman. J Pol & Mil Sociol 6:279-280 Fall '78

BOOK REVIEWS - Continued

- Neither Athens nor Sparta? The American Service Academies in Transition**, by J. P. Lovell. Parameters 9:96-98 Sep '79
- Never Again: Learning from America's Foreign Policy Failures**, by E. C. Ravenal. US Nav Inst Proc 105:92-94 Feb '79
- New Civil-Military Relations: The Agonies of Adjustment to Post-Vietnam Realities**, edited by J. P. Lovell and P. S. Kronenberg. J Pol & Mil Sociol 7:173-175 Spring '79
- New Strategic Factors in the North Atlantic**, edited by C. Bertram and J. J. Holst. Mil Rev 59:88-89 May '79
- 1945: Year Zero**, by J. Lukacs. AU Rev 31:98-99 Nov-Dec '79
- 90 Minutes at Entebbe**, by W. Stevenson. AF Plcy Ltr for Comdrs: Sup No. 11:14 Nov '79
- No Soft Options: The Politico-military Realities of NATO**, by P. Hill-Norton. Army 29:68 Mar '79; Mil Rev 59:89 May '79
- No Victor, No Vanquished: The Yom Kippur War**, by E. O'Ballance. Mil Rev 59:90-91 Aug '79
- Nothing but Honour: The Story of the Warsaw Uprising, 1944**, by J. K. Zawodny. Army 29:59-60 Jan '79
- Nuclear Arms in the Third World**, E. W. Lefever. Nav War Col Rev 32:121-122 May-Jun '79; Strat Rev 7:74-77 Fall '79
- The Nuclear Axis: Secret Collaboration Between West Germany and South Africa**, by Z. Cervenka and B. Rogers. RUSI J for Def Studies 123:72-73 Dec '78
- Nuclear Policies: Fuel Without the Bomb**, by A. Wohlstetter and others. Strat Rev 7:74-77 Fall '79
- Nuclear Weapons and World Politics: Alternatives for the Future**, by D. C. Gompert and others. AU Rev 31:91-92 Nov-Dec '79
- Nuremberg: A Personal Record of the Trial of the Major Nazi War Criminals**, by A. Neave. RUSI J for Def Studies 124:74 Sep '79
- Oceania and Beyond: Essays on the Pacific since 1945**, edited by F. P. King. Armed Forces & Soc 5:500-507 Spring '79
- Oil, Power and Politics: Conflict in Arabia, the Red Sea and the Gulf**, by M. Abir. Mil Rev 59:88-89 Jul '79
- On to Berlin: Battles of an Airborne Commander, 1943-1946**, by J. M. Gavin. Army 29:57-58 Feb '79; Nav War Col Rev 32:106-109 Jul-Aug '79
- On War**, by K. von Clausewitz. Edited and trans by M. Howard and P. Paret. AU Rev 30:84-93 Jan-Feb '79; 30:75-79 Mar-Apr '79
- The Ostpolitik of the Federal Republic of Germany**, by W. E. Griffith. Strat Rev 7:79-82 Spring '79
- Our Endless War: Inside Vietnam**, by Tran Van Don. Parameters 8:87-88 Dec '78; Nav War Col Rev 32:129-130 May-Jun '79
- Our Great Spring Victory: An Account of the Fall and Liberation of South Vietnam**, by Van Tien Dung. Trans by J. Spragens, Jr. AU Rev 30:80-85 Mar-Apr '79; Mil Rev 59:93 Jun '79

BOOK REVIEWS - Continued

- The Overthrow of Allende and the Politics of Chile, 1964-1976, by P.E.Sigmund. AU Rev 30:103-104 May-Jun '79
- POW: A Definitive History of the American Prisoner-of-War Experience in Vietnam, 1964-1973, by J.C.Hubbell. AF Mag 62:63-64 Feb '79
- The Pacific War, World War II and the Japanese, 1931-1945, by S.Ienaga. Trans by F.Baldwin. AU Rev 31:93-94 Nov-Dec '79
- The Panama Canal Controversy: U.S. Diplomacy and Defense Interests, by P.B.Ryan. MarCor Gaz 63: 60-61 Apr '79
- The Papers of Dwight David Eisenhower, edited by A.D.Chandler, Jr and L.Galambos. Army 29: 65-66 Jun '79
- Peace in the Middle East: Superpowers and Security Guarantees, by D.Astor and V.Yorke. RUSI J for Def Studies 124:81 Jun '79
- Peace-Keeping in a Democratic Society: The Lessons of Northern Ireland, by R.Eveleigh. Mil Rev 59:90 Sep '79
- People and Politics: The Years 1960-1975, by W.Brandt. Strat Rev 7:79-82 Spring '79
- The Persian Corridor: The Little-Known Story of the Middle East During World War II, by D.S.Sherwen. Mil Rev 59:91 Nov '79
- Piercing the Reich: The Penetration of Nazi Germany by American Agents During World War II, by J.E.Persico. MarCor Gaz 63:69-70 Aug '79; Army 29: 57-58 Jul '79
- The Plumbat Affair, by E.Davenport and others. RUSI J for Def Studies 123:72-73 Dec '78
- The Politics of Resistance in France, 1940-1944, by J.Sweets. Armed Forces & Soc 6:162-167 Fall '79
- The Power Peddlers: How Lobbyists Mold America's Foreign Policy, by R.W.Howe and S.H.Trott. AU Rev 30:85-87 Mar-Apr '79
- Power Projection: A Net Assessment of U.S. and Soviet Capabilities, by W.S.Thompson. Parameters 8:88 Dec '78
- Prelude to Disaster: The American Role in Vietnam, 1940-1963, by W.A.Brown. AU Rev 30:92-93 Mar-Apr '79
- Press Coverage of the Vietnam War: The Third View, by W.V.Kennedy. AF Times 40:10 Aug 20 '79
- The Price of Defense, by the Boston Study Group. Intl Sec 4:117-126 Summer '79
- Primacy or World Order: American Foreign Policy since the Cold War, by S.Hoffmann. MarCor Gaz 63:61 Feb '79
- Prisoner at War: The Survival of Commander Richard A.Stratton, by S.Blakey. US Nav Inst Proc 105: 94-95 Feb '79; Armor 88:59-60 Mar-Apr '79; Mil Rev 59:87-88 Jun '79
- The Professional Army Officer in a Changing Society, by S.C.Sarkesian. J Pol & Mil Sociol 6:127-129 Spring '78
- Professors of War: The Naval War College and the Development of the Naval Profession, by R.Specator. MarCor Gaz 63:69-70 Jun '79

BOOK REVIEWS - Continued

- Public Constraint and American Policy in Vietnam, by B.Andrews. AU Rev 30:99-100 Jan-Feb '79
- Reading Skill Levels in the Navy, by T.M.Duffy and W.A.Nugent. Def Mgt J 15:36-37 Jul-Aug '79
- Refugees from Militarism, Draft-Age Americans in Canada, by R.G.Kasinsky. J Pol & Mil Sociol 6: 131-132 Spring '78
- Refugees of Cyprus: A Socio-psychological Study, by T.Eudokas and others. J Pol & Mil Sociol 6:105-122 Spring '78
- Resistance in Vichy France, by J.R.Kedward. Armed Forces & Soc 6:162-167 Fall '79
- Revolutionary Terrorism: The FLN in Algeria, 1954-1962, by M.C.Hutchinson. Nav War Col Rev 32: 120-122 Mar-Apr '79
- Revolutions and Revolutionaries: Four Theories, by B.Salart. Armed Forces & Soc 5:495-499 Spring '79
- Revolutions in the Third World, by G.Challand. AU Rev 30:91-92 May-Jun '79
- Rhodesia, Ending an Era, by H.P.W.Hutson. RUSI J for Def Studies 124:92 Jun '79
- The Rise and Fall of the Cyprus Republic, by K.C.Markides. J Pol & Mil Sociol 6:105-122 Spring '78
- Rudder's Rangers, by R.L.Lane. Mil Rev 59:86 Oct '79
- A Rumor of War, by P.Caputo. AU Rev 30:80-85 Mar-Apr '79
- Russia and the United States: U.S.-Soviet Relations from the Soviet Point of View, by N.V.Sivachev and N.N.Yakovlev. Trans by O.A.Titelbaum. Strat Rev 7:57-62 Summer '79
- SALT II: Promise or Precipice? By R.L.Pfaltzgraff, Jr and J.K.Davis. AU Rev 30:80-81 Jul-Aug '79
- Sailors in Revolt, by N.E.Saul. US Nav Inst Proc 105:96 Apr '79
- A Savage War of Peace: Algeria 1954-1962, by A.Horne. AU Rev 30:73-74 Sep-Oct '79; MarCor Gaz 63:59 Oct '79
- The Secret Betrayal 1944-1947, by N.Tolstoy. Air Def Mag, pp 60-61, Jul-Sep '79
- Secret Intelligence in the Twentieth Century, by C.FitzGibbon. AU Rev 30:85-87 May-Jun '79
- The Secret of Stalingrad, by W.Kerr. J Pol & Mil Sociol 7:166-167 Spring '79; MarCor Gaz 63:71 Aug '79
- The Secret War, by B.Johnson. Army Qtr 108:503-504 Oct '78
- The Secret War for the Ocean Depths: Soviet American Rivalry for Mastery of the Seas, by T.S.Burns. US Nav Inst Proc 105:97-98 Jun '79; MarCor Gaz 63:67-68 Sep '79
- Selective Retention: A Longitudinal Analysis of Factors Related to Recruit Training Attrition, by S.B.Landau and A.J.Farkas. Def Mgt J 15:34-35 Jul-Aug '79
- Shall America Be Defended: SALT II and Beyond, by D.Graham. Sea Power 22:39 Jul '79

BOOK REVIEWS - Continued

- A Short History of the Vietnam War, edited by A.R. Millett. Parameters 8:87-88 Dec '78; MarCor Gaz 63:66-67 Dec '79
- Sideshow: Kissinger, Nixon and the Destruction of Cambodia, by W.Shawcross. Nav War Col Rev 32: 123-124 Sep-Oct '79
- Silent Missions, by V.A.Walters. Army 29:56+ Sep '79
- Singapore 1941-1942, by L.Allen. Army Qtr 108:248-249 Apr '78
- Six Faces of Courage, by M.R.D.Foot. RUSI J for Def Studies 124:88 Mar '79
- Slow To Take Offense: Bombers, Cruise Missiles, and Prudent Deterrence, by F.P.Hoeber. AU Rev 30:80-81 Jul-Aug '79
- Soldiers and Society: The Effects of Military Service and War on American Life, by P.Karsten. Infantry 69:54 Nov-Dec '79
- Soldiers, Statesmen, and Cold War Crises, by R.K. Betts. Nav War Col Rev 31:96-98 Winter '79; AU Rev 30:91-92 Nov-Dec '78
- A Soldier's Story, by O.N.Bradley. AU Rev 31:99-100 Nov-Dec '79
- Solitary in the Ranks, by H.M.Hyde. Army 29:59 Sep '79
- Soviet Air Power in Transition, by R.P.Berman. Nav War Col Rev 31:95-96 Winter '79
- Soviet Strategy for Nuclear War, by J.D.Douglass, Jr and A.M.Hoeber. AF Mag 62:166 May '79; Strat Rev 7:82-84 Spring '79; Nav War Col Rev 32:104-105 Jul-Aug '79
- The Soviet Union and Postwar Japan: Escalating Challenge and Response, by R.Swearingen. Mil Rev 59: 94-95 Sep '79
- Spies & Spymasters, a Concise History of Intelligence, by C.J.D.Haswell. US Nav Inst Proc 105: 99 Dec '79
- Storm over the Gilberts: War in the Central Pacific, 1943, by E.P.Hoyt. MarCor Gaz 63:59 Oct '79
- Storm over the Multinationals: The Real Issues, by R.Vernon. AU Rev 30:79-83 Nov-Dec '78
- The Storm Petrels: The Flight of the First Soviet Defectors, by G.Brook-Shepherd. Strat Rev 7:87-90 Winter '79
- Strategy for Defeat: Vietnam in Retrospect, by U.S.G.Sharp. Strat Rev 7:82-83 Winter '79; Nav War Col Rev 31:121-122 Winter '79; US Nav Inst Proc 105:92 Feb '79; Parameters 9:95-97 Mar '79; Army 29:64 May '79; Aerosp Hist 26:267-269 Dec '79
- Stress Disorders among Vietnam Veterans: Theory, Research and Treatment, edited by C.R.Figley. Mil Rev 59:91-92 Apr '79
- Suez 1956: A Personal Account, by S.Lloyd. RUSI J for Def Studies 124:85 Jun '79
- Suez: The Double War, by R.Fullick and G.Powell. RUSI J for Def Studies 124:85 Sep '79

BOOK REVIEWS - Continued

- Summons of the Trumpet: U.S.-Vietnam in Perspective, by D.R.Palmer. Parameters 8:87-88 Dec '78; Nav War Col Rev 31:118-119 Winter '79; MarCor Gaz 63:63-64 Mar '79; AU Rev 31:103-104 Nov-Dec '79
- Terrorism, by W.Laqueur. Armed Forces & Soc 5: 495-499 Spring '79
- Terrorism and the Liberal State, by P.Wilkinson. Army Qtr 108:361 Jul '78
- Theories of Revolution, by A.S.Cohan. Armed Forces & Soc 5:495-499 Spring '79
- The Third World War--August 1985, by J.Hackett. Mil Rev 59:91-92 Mar '79; Intl Sec 4:127-131 Summer '79; Strat Rev 7:77-79 Fall '79
- Those Wonderful Women in Their Flying Machines: The Unknown Heroines of World War II, by S.V.W. Keil. Army 29:59 Dec '79
- The Tibbets Story, by P.W.Tibbets. AF Mag 62:74 Apr '79
- The U.S.S.R. and Global Interdependence: Alternative Futures, by W.C.Clemens, Jr. Mil Rev 59: 86-87 Aug '79
- Ultra Goes to War, by R.Lewin. Parameters 9:95 Mar '79; RUSI J for Def Studies 124:91 Mar '79; Strat Rev 7:68-70 Summer '79; Aerosp Hist 26:263 Dec '79; US Nav Inst Proc 105:95-96 Dec '79
- Understanding the Soviet Military Threat: How CIA Estimates Went Astray, by W.T.Lee. AU Rev 30: 94-98 Jan-Feb '79
- Unionizing the Armed Forces, edited by E.S.Krendel and B.L.Samoff. J Pol & Mil Sociol 6:130 Spring '78
- The United States and Militarism in Central America, by D.L.Etchison. Armed Forces & Soc 5:329-333 Winter '79
- The United States and the Philippines, by C.A.Buss. AU Rev 30:92-94 May-Jun '79
- The U.S. Crusade in China, 1938 to 1945, by M. Schaller. MarCor Gaz 63:68-69 Jul '79
- U.S. Foreign Policy Toward Greece and Cyprus: The Clash of Principle and Pragmatism, edited by T.A.Coulombis and S.M.Hicks. J Pol & Mil Sociol 6:105-122 Spring '78
- U.S. Intelligence and the Soviet Strategic Threat, by L.Freedman. Nav War Col Rev 32:107-108 Feb '79; AU Rev 30:87-88 May-Jun '79
- U.S. Marines in Vietnam: The Advisory & Combat Assistance Era, 1954-1964, by R.H.Whitlow. MarCor Gaz 63:58 Jan '79
- U.S. Policy Toward Korea: Analysis, Alternatives, and Recommendations, by N.N.White. Mil Rev 59:89-90 Dec '79
- The Unknown Civil War in Soviet Russia: A Study of the Green Movement in the Fambov Region, 1920-21, by O.H.Radkey. Armed Forces & Soc 6:148-161 Fall '79
- The Unknown War with Russia: Wilson's Siberian Intervention, by R.Maddox. Armed Forces & Soc 6:148-161 Fall '79

BOOK REVIEWS - Continued

The Unmaking of a President: Lyndon Johnson and Vietnam, by H.Y.Schandler. US Nav Inst Proc 104: 111-112 Dec '78; AU Rev 30:80-85 Mar-Apr '79

Very Special Intelligence, by P.Beesly. Mil Rev 59: 86-87 Sep '79

The Vietnam War, edited by R.Bonds. US Nav Inst Proc 105:102 Aug '79

The Vilde Affair, by M.Blumenson. Armed Forces & Soc 6:162-167 Fall '79

The War Animals, by R.E.Lubow. AU Rev 30:89-90 May-Jun '79

War, Business, and American Society: Historical Perspectives on the Military-Industrial Complex, edited by B.F.Cooling. AU Rev 30:79-83 Nov-Dec '78

War: Controlling Escalation, by R.Smoke. Army 29: 58 Jan '79

The War Game: A Critique of Military Problem Solving, by G.D.Brewer and M.Shubik. Parameters 9:90 Jun '79

The War Path: Hitler's Germany 1933-1939, by D.Irving. MarCor Gaz 63:66 Aug '79

The War Powers Resolution: The Role of Congress in U.S. Armed Intervention, by P.M.Holt. MarCor Gaz 63:61-62 Apr '79

Warning and Response, by J.Critchley. RUSI J for Def Studies 124:81-82 Sep '79

Warriors at Work: The Volunteer Armed Force, by S.A.Levitan and K.C.Alderman. J Pol & Mil Sociol 6:293-295 Fall '78; Nav War Col Rev 32:122-124 May-Jun '79

Wartime, by M.Djilas. Army Qtr 108:254-255 Apr '78

Weapons of Mass Destruction and the Environment, by Stockholm International Peace Research Institute. AU Rev 30:85-86 Jul-Aug '79

Where Does the Marine Corps Go from Here? By M.Binkin and J.Record. AU Rev 30:91 Nov-Dec '78

Who Stands Accused? Israel Answers Its Critics, by C.Herzog. Parameters 9:87-88 Jun '79

Winners & Losers: Battles, Retreats, Gains, Losses and Ruins from a Long War, by G.Emerson. US Nav Inst Proc 105:92-94 Feb '79

The Wizard War: British Scientific Intelligence, 1939-45, by R.V.Jones. Strat Rev 7:76-79 Winter '79; Aerosp Hist 26:265 Dec '79; US Nav Inst Proc 105:95-96 Dec '79

Women and the Military, by M.Binkin and S.J.Bach. AU Rev 30:89-90 Nov-Dec '78

World Power Assessment, 1977: A Calculus of Strategic Drift, by R.S.Cline. MarCor Gaz 63:69-70 Sep '79

BOOKS AND READING

Aero-collectors pay big prices. Jay Miller. illus AF Times 40:45+ Dec 3 '79

The Battery Book Shop: Dealer in nostalgia. Julie Pursell. illus Army 29:34+ Sep '79

BOOKS AND READING - Continued

New reading program results. AF Times 40:7 Oct 1 '79

When GI Joe can't read. Lothar H.Wedekind. illus AF Times, Times Magazine sup:6-12 Nov 5 '79

BOOSTERS

Ariane ready to go. Chris Bulloch. illus tab Interavia 34:1073-1076 Nov '79

Gallery of USAF weapons: Launch vehicles. illus AF Mag 62:131-132 May '79

BOOTS AND SHOES

More miles to the foot. SP5 Lana Ott. illus Soldiers 34:28-33 Feb '79

BOOTSTRAP COMMISSIONING PROGRAM see Airman Education and Commissioning Program

BOTSWANA

Political, economic, and security changes in Botswana, Namibia, and South Africa, 1966-79. Richard Dale. illus map Parameters 9:56-69 Sep '79

BOWERS, Emmett W.

(Defense Personnel Support Center) Interview. MajGen Emmett W.Bowers. por Review 58:20-22+ Jul-Aug '79

BOYES, Jon L.

Federal policy and the private sector. ADM Jon L. Boyes, Ret. Signal 33:124-125 May-Jun '79

BRAGG, Braxton

Bragg--valiant artilleryman. Col Robert M.Stegmaier, Ret. por Fld Arty J 47:55-57 Nov-Dec '79

BRAIN

Central and cerebral hemodynamics and metabolism of the healthy man during head-down tilting. V.E. Katkov and others. tabs illus Aviation, Space & Envmt Med 50:147-153 Feb '79

Head acceleration and psychomotor performance. D.C.Reader. tabs Aviation, Space & Envmt Med 50:267-270 Mar '79

Ruptured arteriovenous anomaly in a former woman astronaut candidate. Richard C.Schneider and others. illus tabs Aviation, Space & Envmt Med 50:182-186 Feb '79

BRAKESSee also

Airplanes--Brakes
Airplanes, Military--Brakes

BRASWELL, Arnold W.

Being both dedicated and informed. (Presentation, Minden High School Graduating Class, Minden, LA, May 25, 1979) LtGen A.W.Braswell. AF Plcy Ltr for Comdrs: Sup No.9:30-34 Sep '79

BRAZILForeign RelationsArgentina

Security, influence, and nuclear weapons: The case of Argentina and Brazil. Stephen M.Gorman. map Parameters 9:52-65 Mar '79

BRAZIL - ContinuedSocial Conditions

Amazon patrol. LT Douglas R. Burnett. illus map US
Nav Inst Proc 104:50-57 Dec '78

BREZHNEV, Leonid I.

Brezhnev may have killed SALT. LtGen Ira C. Eaker,
Ret. AF Times 40:13-14 Nov 19 '79

BRIDGES

Combat engineering equipment for the 1980's. Col
Bernard C. Hughes. illus tab Mil Engr 71:406-410
Nov-Dec '79

The combat support boat. Derek I. Knight. illus Mil
Engr 71:412-414 Nov-Dec '79

Engineer capabilities of the Soviet and Warsaw Pact
Armies. James E. Deaton. illus Mil Engr 71:416-
423 Nov-Dec '79

Ice forces on bridge piers. Walter Podolny, Jr. illus
Mil Engr 71:341-342+ Sep-Oct '79

Restoring the nation's bridge system. Albert T.
Myers. illus Mil Engr 71:185-187 May-Jun '79

The U.S. Army's ribbon bridge. Martin E. Falk. illus
tab Intl Def Rev 12, No. 8:1419-1420 '79

The versatile medium girder bridge. Derek I. Knight.
illus Mil Engr 71:110-112 Mar-Apr '79

BRIEFING AND BRIEFING TEAMS

Bringing innovation to AFROTC oral communications
training. LtCol Donald E. Sheehan. illus tab Educ J
21:22-25 '78/'79

Flight instruction--science and art. John Trobaugh.
illus Aerosp Safety 35:2-4 Apr '79

BRITISH AEROSPACE CORP

British Aerospace--what does the future hold? Derek
Wood. illus Interavia 34:878-879 Sep '79

BROOKSHER, William R.

Efforts to boost morale paying off, SP chief says.
Interview. BrigGen William R. Brooksher. AF
Times 39:10 Feb 19 '79

Leaders know their place. (Presentation, Security
Police Academy Dining-In, Lackland AFB, TX,
July 12, 1979) BrigGen William R. Brooksher. AF
Plcy Ltr for Comdrs: Sup No. 10:34-40 Oct '79

BROWN, George S.

In memoriam ... General George S. Brown, 8 Decem-
ber 1978. MajGen Henry J. Meade, Ret. por
Aerosp Hist 26:57-58 Mar '79

BROWN, Harold

Brown: Abolish Vet Service. AF Times 40:3
Sep 17 '79

Brown and Services fight on Reserve pay. AF Times
40:1+ Sep 3 '79

Brown approves DOD pay boosts. Tom Philpott. AF
Times 40:1+ Nov 12 '79

BROWN, Harold - Continued

Brown retirement plan faces snarls. AF Times 39:4
Jan 15 '79

Brown won't ask Res(erve) pay overhaul. AF Times
40:24 Sep 10 '79

Civil service reform. (Remarks, Conference on Civil
Service Reform, Ocean City, MD, Oct 23, 1978)
Harold Brown. AF Plcy Ltr for Comdrs: Sup
No. 12:9-13 Dec '78

Civil service reform: "A world of responsibility for
management." (Remarks, Conference on Civil Ser-
vice Reform, Ocean City, MD, Oct 23, 1978) Har-
old Brown. por Def Mgt J 14:9-11 Nov '78

A conversation with Dr Harold Brown, Secretary of
Defense. Interview. Harold Brown. por Command
Plcy 2:2-7 Nov '79

DOD denies strategic arms cover-up: House panel
(Armed Services Committee) asks detailed SecDef
reply. Benjamin F. Schemmer. Armed Forces J
Intl 116:10 Apr '79

DOD report ("Defense Resource Management Study")
faults Brown on health care. Richard C. Barnard.
AF Times 39:26 Mar 12 '79

(DefSec) Brown: Forget pay fight. Tom Philpott. AF
Times 39:3 Jun 4 '79

(DefSec Harold) Brown: No arguing; the pay cap
stands. Randy Shoemaker. AF Times 39:1+
Jul 16 '79

Exploring technology. Harold Brown. Command Plcy
2: entire issue Aug '79

First SecDef to visit Middle East, Brown tries to
"pick up the pieces." Armed Forces J Intl 116:
20-21+ Mar '79

The international situation and SALT. Harold Brown.
Command 2: entire issue Apr '79

The Posture hearings: Strong verbal support, but
cutbacks continue. L. Edgar Prina. Sea Power
22:23-27 Mar '79

Posture statements: Soviet threat seen. Harold Brown
and Gen David Jones. por AF Times 39:12
Feb 12 '79

Reflections on the North Atlantic Alliance. Harold
Brown. por NATO's Fifteen Nations 24:104-105+
Oct-Nov '79

SecDef, brass witness (PGMs) test: Significance ...
"greater than radar." Murry Shohat. Mil Elect/
Countermeasures 5:45-46 Jan '79

Service Secretaries send memos: Mark to Brown--
push for 7% hike. Tom Philpott. AF Times 39:1+
Jun 11 '79

Strategic military balance. (Presentation, Senate
Committee on Foreign Relations, July 11, 1979)
Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 9:
10-21 Sep '79

Summary of DOD Annual Report. (Presentation,
Senate Armed Services Committee, Washington,
Jan 25, 1979) Harold Brown. AF Plcy Ltr for
Comdrs: Sup No. 3:2-20 Mar '79

Veterinarians under fire--DefSec Brown wants Army
to provide the service. Richard C. Barnard. AF
Times 40:3 Aug 27 '79

BROWN, James L.

Air Force Intelligence Service. por AF Mag 62:100
May '79

BROWNE, Edward M.

On the attack helicopter. Interview. BrigGen Edward
M. Browne. por USA Avn Dig 25:2-7 Jan '79

BROWNING, George M., Jr

Directorate of Budget. MajGen George M. Browning,
Jr. por AF Compt 13:21 Oct '79

A new Budget Director; three major generals retire.
por AF Compt 13:3 Jul '79

Notes from the Director of Budget. MajGen George
M. Browning, Jr. por AF Compt 13:21 Jul '79

BRUEN, John D.

'Zeroing' in on logistics programing and budgeting.
MajGen John D. Bruen and LtCol Donald M. Cook.
Army Log 11:8-11 Mar-Apr '79

BRZEZINSKI, Zbigniew

Balance and security. Interview. Zbigniew Brzezinski.
por NATO's Fifteen Nations 24:54-56 Feb-Mar '79

BUDGET

For budgets of the military services and other agen-
cies see Appropriations and Expenditures.

Automation comes to budget at Hq USAF. LtCol Wayne
Pedersen. illus AF Compt 13:10-11 Oct '79

CESMET: The Air Force Civil Engineering and Ser-
vices Management Evaluation Team. Maj B.G.
Page. AF Compt 13:12-13 Oct '79

Directorate of Budget. MajGen George M. Browning,
Jr. illus AF Compt 13:21 Oct '79

How useful is the OOB (Operations Operating Budget)
at installation level? Maj George R. Gallimore.
illus AF Compt 13:18-20 Oct '79

Notes from the Director of Budget. MajGen George
M. Browning, Jr. illus AF Compt 13:21 Jul '79

Notes from the Director of Budget. MajGen Robert
Scurlock. illus AF Compt 13:21 Jan '79

Notes from the Director of Budget. MajGen Robert
Scurlock. illus AF Compt 13:19 Apr '79

QBA--Quantitative Budget Analysis. Bruno R. Tale-
rico, Sr. illus Armed Forces Compt 24:19-21
Aug '79

MethodologySee also

Zero-Base Budgeting

Budgeting maintainability. E. Edward Lowery. illus
tabs Log Spectrum 13:32-40 Spring '79

Operations Budget Review Committee--its power and
perseverance. Maj Charles K. Crawford. illus AF
Compt 13:10-13 Jan '79

United States

The current budget debate: Implications for defense.
Herschel Kanter. illus tabs Strat Rev 7:40-49
Spring '79

BUDGET - ContinuedUnited States - Cont'd

Is this a budget or a "game plan." tabs Armed
Forces J Intl 116:38-40 Mar '79

Measuring the military burden: Fact and fiction. tabs
Def Monitor 8: entire issue Jun '79

BUILDING AND CONSTRUCTIONSee also

Air Bases--Construction
Underground Structures

A-E (Architect-Engineer) firms--a vital Air Force
resource. MajGen William D. Gilbert. illus Mil
Engr 71:11-14 Jan-Feb '79

Air Force architecture: Creative answers through
design. Col Sydney E. Key, Ret. illus AF Engrg
& Svcs Qtr 20:2-5 May '79

Air Force community center. Theodore T. Shierk.
illus AF Engrg & Svcs Qtr 20:23-25+ May '79

Air Force Regional Civil Engineer--ready to help in
meeting mission requirements. Col Elo Mussetto.
illus AF Engrg & Svcs Qtr 20:34-36 Nov '79

The Coast Guard market for architect/engineers.
RADM Benedict L. Stabile. illus map Mil Engr 71:
18-21 Jan-Feb '79

Congress OKs FY '80 construction bills. Suzanne
Viau. AF Times 40:4 Dec 3 '79

Conversion of the military construction program to
the five-year account. Lois Nunweiler and John
Hunt. illus AF Compt 13:9 Apr '79

The Corps (of Engineers) uses A-E (Architect-Engi-
neer) services. Irvin Bregman and Gerald A.
Yager. illus maps Mil Engr 71:15-17 Jan-Feb '79

DOD criticized on family housing. AF Times 39:43
Apr 16 '79

Designing for the Air Force Military Construction
Program. Maj Robert Sheppe. tabs Mil Engr 71:
26-27 Jan-Feb '79

Designing the Navy's shore installations. RADM Don-
ald G. Iselin. illus map Mil Engr 71:6-10 Jan-
Feb '79

Diego Garcia construction update. Capt Lawrence K.
Donovan. illus Mil Engr 71:404-405 Nov-Dec '79

Dining hall upgrade projects: A tough recipe. Capt
James Waltman. illus AF Engrg & Svcs Qtr 20:
30-32 May '79

Epoxy concrete overlays. Myles A. Murray and Er-
nest K. Schrader. illus Mil Engr 71:242-244 Jul-
Aug '79

Fiber-reinforced concrete--workable and economical.
Clyde E. Kesler and Grant T. Halvorsen. tabs illus
Mil Engr 71:234-237 Jul-Aug '79

Greater use for plastic pipe? Lawrence J. Ciancia.
illus Mil Engr 71:328-329 Sep-Oct '79

Mass concrete construction principles. Ernest K.
Schrader. illus Mil Engr 71:318-321 Sep-Oct '79

O'seas school construction \$\$ cut. AF Times 39:12
Feb 19 '79

BUILDING AND CONSTRUCTION - Continued

Pile foundations in the USSR. William R. Stroman and G. Britt Mitchell. illus Mil Engr 71:171-173 May-Jun '79

Polystyrene foam and its many applications. John Salladay. illus Mil Engr 71:330-332 Sep-Oct '79

Polyurethane: An important insulation alternative. D.A. Holter. tab illus Mil Engr 71:325-327 Sep-Oct '79

Recycling portland cement concrete pavement. Gordon K. Ray. illus tab Mil Engr 71:238-241 Jul-Aug '79

Reservists say: Upgrade facilities. AF Times 39:31 Apr 9 '79

South Pole dome revisited. Don L. Richter. illus Mil Engr 71:2-5 Jan-Feb '79

Steel fiber-reinforced concrete: A second generation version. LtCol David Brown. tabs Mil Engr 71:246-248 Jul-Aug '79

Sulfurcrete: Another option in the energy/materials picture. Alan H. Vroom. illus tabs Mil Engr 71:250-252 Jul-Aug '79

Virginia's roads: DOT disrupts an involved citizenry. (Interview with Harold C. King) illus Govt Exec 11:46+ Sep '79

Costs

Construction tale: \$30 million for nothing. (Planning and design of military facilities which were never built) AF Times 39:12 Mar 19 '79

A small town's (Woodbine, NJ) small gamble pays off. Daniel Gulda. illus Govt Exec 11:37+ Oct '79

Equipment

Construction equipment forecast, 1979. Don Baines. tabs Mil Engr 71:166-168 May-Jun '79

BUILDING AND CONSTRUCTION - ContinuedEquipment - Cont'd

Rebuilding commercial construction equipment. Kenneth Underwood, Jr. illus Mil Engr 71:158-162 May-Jun '79

Shoring saves lives--and property. David O. Plank. illus Mil Engr 71:163-165 May-Jun '79

History

Fort Knox's (KY) dryland Navy. LtCol John A. Campbell, Ret. illus Armor 88:16-19 Jul-Aug '79

BUREAU OF THE BUDGET see Office of Management and Budget

BURIAL

Nellis (AFB, NV, Honor) Guard 'sacrifices' for funerals. illus AF Times 39:21 Jan 29 '79

BUSINESSSee also

Small Business

The basics of corporate accounting. Dallas R. Blevins. tab Armed Forces Compt 24:16-18 Nov '79

Physical distribution and the firm. Richard A. Lancioni. illus Def Trans J 35:14-19 Aug '79

BYELORUSSIA

Strength rooted in friendship and fraternity--sixty years of the Byelorussian Soviet Socialist Republic and the Communist Party of Byelorussia. illus Soviet Mil Rev No. 1:15-18 Jan '79

History

Strength rooted in friendship and fraternity--sixty years of the Byelorussian Soviet Socialist Republic and the Communist Party of Byelorussia. illus Soviet Mil Rev No. 1:15-18 Jan '79

CAB see Civil Aeronautics Board

CAP see Civil Air Patrol

CAT (Clear Air Turbulence) see Turbulence

CBW see Chemical-Biological Warfare

CEMA see Council of Mutual Economic Assistance

CENTO see Central Treaty Organization

CHAMPUS (Civilian Health And Medical Program of the Uniformed Services) see Medicare

CIA see Central Intelligence Agency

COMECON see Council of Mutual Economic Assistance

COSTAR see Combat Support of the Army

CRAF see Civil Reserve Air Fleet

CABIN CREWS

Survey on eye comfort in aircraft. I: Flight attendants. Weylin G. Eng. tabs Aviation, Space & Envmt Med 50:401-404 Apr '79

Survey on eye comfort in aircraft. II: Use of ophthalmic solutions. Weylin G. Eng. tabs Aviation, Space & Envmt Med 50:1166-1169 Nov '79

CABLES

Wires, cables, and harnesses. TIG Brief 31:6 Aug 3 '79

CAMERAS

(Electronic Solid State Wide Angle Camera System--ESSWACS) Signal 33:72 Feb '79

Low light level television for training. Maj Patrick H. Orell. illus Armor 88:10-11 Sep-Oct '79

Skatan: A mini-RPV for reconnaissance. LtCol P. Crèvecoeur. illus tabs Intl Def Rev 12, No. 4: 606-608 '79

CAMOUFLAGE

Camouflage and deception--Soviet style. Capt Richard F. Riccardelli. illus Mil Rev 59:24-32 Feb '79

Camouflage and survival. Capt S.W. Miller. illus Infantry 69:20-24 Jan-Feb '79

Camouflage: Survival costume. David Harvey. illus Def & For Aff Dig 7, No. 10:15-17+ '79

Fighting from fortified battle positions. Col Raymond E. Bell, Jr. illus Army 29:34-39 Jul '79

Now you see it ... now you don't. Gayle D. Peterson. illus Army 29:37-39 Apr '79

CAMPING see Recreation

CAMPS, MILITARY see Army Posts

CANADA

Canada: Post-election plans. (Interview with Alan McKinnon) Joseph Fama. Def & For Aff Dig 7, No. 4:33+ '79

Living north of the border. Capt Dick Sheffield. illus Airman 23:44-48 Apr '79

CANADA - Continued

Foreign Relations

Russia

Soviet projection capabilities: A view from North of the border. C.G. Jacobsen. illus tab Nav War Col Rev 32:95-104 Mar-Apr '79

CANAL ZONE

Oct 1, Howard (AB) unit to handle CZ mail. AF Times 39:24 Mar 12 '79

CANALS see Waterways

CARBON MONOXIDE

Aircraft refueling vehicles: Excessive carbon monoxide concentrations. TIG Brief 31:17 Jun 1 '79

Carbon monoxide and human time discrimination: Failure to replicate Beard-Wertheim experiments. David A. Otto and others. tabs Aviation, Space & Envmt Med 50:40-43 Jan '79

Carbon monoxide: Save yourself a headache. TIG Brief 31:17 Jul 13 '79

CARDIOVASCULAR RESUSCITATION see Artificial Respiration

CAREER PROGRAM

Here are entered materials on career specialization and professional development. Specific occupations may be found under their own headings, e.g., Engineers.

The AFCE (Air Force Civil Engineer) in a joint environment. Maj Richard L. Brown. illus tabs charts AF Engrg & Svcs Qtr 20:22-28 Nov '79

Bars to stars. Regular feature in issues of Air Defense Magazine

C.B. means "career broadening" to logisticians. Maj Phillip A. Richardson and Capt Terry L. Noveroske. illus Log Spectrum 13:35-37 Summer '79

Call it 'dream sheet,' but take care with it (Form 90). AF Times 40:23 Dec 3 '79

The care and feeding of attached crew members. Maj David V. Froehlich. illus Aerosp Safety 35:14-16 Feb '79

Career patterns for field artillery company grade officers. LtCol Leslie E. Beavers and Maj Glen D. Skirvin. illus tab Fld Arty J 47:22-25 Jan-Feb '79

Civilian executive program initiated. AF Times 39:31 Apr 23 '79

The company grade years--a decade of development. LtCol Leslie E. Beavers and Maj Glen D. Skirvin. illus tabs Fld Arty J 47:8-12 Jul-Aug '79

EPMS (Enlisted Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest

Enlisted career news. Regular feature in issues of Air Defense Magazine

Enlisted career notes. Regular feature in issues of Infantry

Guides 'foretell' EM careers. Bruce Callander. illus AF Times 39:7 Apr 23 '79

CAREER PROGRAM - Continued

Here's the breakdown on 'crossflow' jobs. AF Times 40:8 Oct 1 '79

Notes from the Palace Abacus team. Capt Bob Simpson. illus AF Compt 13:30 Apr '79

Notes from the Palace Abacus team. Capt Bob Simpson. illus AF Compt 13:44 Jul '79

Notes from the Palace Dollar team. Capt Charles Carpenter. illus tab AF Compt 13:28 Jan '79

Notes from the Palace Dollar team. Capt Charles L. Carpenter. illus AF Compt 13:29 Apr '79

Notes from the Palace Dollar team. Maj Ben Lester, Jr. illus tabs AF Compt 13:43 Jul '79

OPMD-EPMD armor. Regular feature in issues of Armor

OPMS (Officer Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest

Officer cross flow needs listed. AF Times 40:3 Sep 24 '79

Officers career notes. Regular feature in issues of Infantry

Oversea tour career planning. tabs AF Engrg & Svcs Qtr 20:29-31+ Nov '79

An overview of CMF 64--your career in transportation. illus Army Log 11:23-25 Jan-Feb '79

The Palace Dollar team. Maj Gary G. Payne. illus AF Compt 13:29 Oct '79

Women in ADA (Air Defense Artillery). Capt Richard C. Lewis. illus tabs Air Def Mag, pp 14+, Jan-Mar '79

CAREY, Richard E.

Evacuation security forces: A tale of courage, ingenuity and perseverance. MajGen R. E. Carey and others. MarCor Gaz pt 1, 31 March-17 April 1975. 63:65-72 May '79; pt 2, 17 April-31 May 1975. 63:60-66 Jun '79

CARGOSee also

Air Cargo
Hazardous Substances--Transportation

Cassandra on the beach. Capt Bruce P. Schoch. illus tabs Army Log 11:20-23 Jul-Aug '79

A common-sense approach to liner shipping policy. (Report, 16th Annual NDTA Transportation Conference, Stuttgart, Ger, April 25, 1979) Karl E. Bakke. Def Trans J 35:25-29 Jun '79

Movement of military support cargo. illus Def Trans J 35:38-41 Apr '79

Responsibility for transportation of AAFES goods. TIG Brief 31:19 Aug 17 '79

CARICATURES AND CARTOONS

Cartoonists. illus Interceptor 21:16-21+ Jan '79

Holiday at delta dump. Roger Crewse. (Reprinted from Interceptor, May 1964) illus Interceptor 21:9-13 Oct '79

CARICATURES AND CARTOONS - Continued

Who is Uncle Sam? The legend and the reality. Philip R. Smith, Jr. illus Soldiers 34:37-38 Mar '79

CARPENTER, M. Kathleen

Blacks need counseling--a matter of bonus money. M. Kathleen Carpenter. AF Times 40:15 Sep 24 '79

CARR, Richard

MajGen Richard Carr--a chaplain first, officer second. por AF Times 39:22 Feb 5 '79

CARTER, James E.

Carter and Kissinger: Contrasts on Africa. Robin N. Montgomery. por Natl Def 64:34-37+ Nov-Dec '79

Carter opposition to SBP reform hit. AF Times 40:11 Aug 27 '79

Carter out of retirement fight. AF Times 39:6 Jun 11 '79

Carter pay reform plan in trouble. AF Times 40:2 Dec 3 '79

Carter's Defense experts advise his budget won't begin to meet President's own global security goals. Benjamin F. Schemmer. Armed Forces J Intl 116:8+ Jun '79

End pay link, Carter says. Tom Philpott. AF Times 39:1+ Jun 18 '79

President rejects DOD pay package. Tom Philpott. AF Times 40:1+ Dec 10 '79

SALT II: The path of security and peace. (Address, American Newspaper Publishers Assoc, New York, April 25, 1979) James E. Carter. AF Plcy Ltr for Comdrs: Sup No. 7:2-10 Jul '79

SALT under the Carter administration. J. I. Coffey. Nav War Col Rev 31:6-29 Winter '79

The 'Taiwan question': A final solution? James D. Hessman. Sea Power 22:29-32 Jan '79

A tribute to veterans of Vietnam. (Excerpts from remarks, White House Reception, May 30, 1979) Jimmy Carter. AF Plcy Ltr for Comdrs: Sup No. 8:39-40 Aug '79

U.S. arms sales and the Carter White House. Henry T. Simmons. Intl Def Rev 12, No. 3:339-343 '79

CARTOGRAPHY see Maps and MappingCARTOONS see Caricatures and CartoonsCASUALTIES

See also subdivision under specific wars, e.g., Vietnamese Conflict, 1957-1975--Casualties

DOD: Treat war casualties in CONUS (as an) alternative to Dr draft. AF Times 39:4 Jan 8 '79

GAO letter: Don't treat casualties in civilian hospitals. AF Times 40:18 Nov 12 '79

Planning for future combat casualty care. RADM B. Eisenman. illus US Nav Inst Proc 105:117-119 Jun '79

Statistics

America's wars. Tables only. AF Plcy Ltr for Comdrs: Sup No. 4:26-27 Apr '79

CAVALRY

See also
Air Cavalry

Integration of air & ground operations in the cavalry regiment. Col Harold R. Page. illus USA Avn Dig 25:9-15 Feb '79

A new breed--active defense cavalrymen. Maj Michael A. Andrews. illus Armor 88:20-22 Jul-Aug '79

Some thoughts on cavalry. MajGen George S. Patton. illus Armor 88:26-29 May-Jun '79

CELESTIAL NAVIGATION see Navigation, Celestial

CEMETERIES, NATIONAL

Expanding, not building (national cemeteries). AF Times 40:42 Dec 10 '79

A place of honor--national cemeteries. SgtMaj Bruce N. Bant. illus Soldiers 34:45-48 May '79

VA okays two new cemeteries. Larry Carney. AF Times 40:17 Nov 19 '79

Will the crypt stay empty at Arlington? LtCol Donald T. Matthes. illus Army 29:28-30+ May '79

CENTRAL AMERICA

Politics and Government

The pattern in Central America. Editorial. David C. Jordan. Strat Rev 7:5-6 Fall '79

CENTRAL INTELLIGENCE AGENCY

The slow murder of the American intelligence community. Benjamin F. Schemmer and others. illus Armed Forces J Intl 116:50-54 Mar '79

CENTRAL TREATY ORGANIZATION

The Middle East and the Mediterranean. International Institute for Strategic Studies. illus tabs AF Mag 62:92-98 Dec '79

CENTRIFUGES

Loss of consciousness in high performance fighters. (What to do about it) Maj Peter R. Nash. illus Aerosp Safety 35:6-7 Nov '79

History

Early human centrifuge in U.S. put in mothballs by Mayo Clinic. illus Aviation, Space & Envmt Med 50:864-865 Aug '79

CEREMONIES, MILITARY see Military Ceremonies, Honors and SalutesCHANNEL COMMAND see Allied Command ChannelCHAPELS AND CHURCHES

The Church of the Royal Air Force (St Clement Danes)--twenty years old. illus Royal Air Forces Qtr 18:360-366 Winter '78

CHAPLAINS

Air Force--U.S.

The chapel council: A key element of ministry. TIC Brief 31:21 Mar 23 '79

CHAPLAINS - Continued

Air Force--U.S. - Cont'd

MajGen Richard Carr--a chaplain first, officer second. illus AF Times 39:22 Feb 5 '79

Armed Forces--U.S.

Muslim group wants own chaplain. AF Times 39:2 Jan 29 '79

Navy--U.S.

History

Raiders' priest of three faiths. James E. O'Brien. illus MarCor Gaz 63:22-23 Nov '79

CHAPMAN, Robert E.

Directorate of Computer Resources. BrigGen Robert E. Chapman. por AF Compt 13:22 Oct '79

The military performance report--a discussion of communicative strategy. BrigGen R.E. Chapman. por AF Compt 13:24-25 Jul '79

Notes from the Director of Computer Resources. BrigGen R.E. Chapman. por AF Compt 13:22 Jan '79

Notes from the Director of Computer Resources. BrigGen Robert E. Chapman. por AF Compt 13:20 Apr '79

Notes from the Director of Computer Resources. BrigGen Robert E. Chapman. por AF Compt 13:35 Jul '79

CHARITIES

Panel (House Subcommittee on Civil Service) tries to ease charity pressures. Tom Philpott. AF Times 40:1+ Dec 31 '79

CHARTER AIR SERVICE see Airlines--Nonscheduled OperationsCHAYES, Antonia H.

Comments at Tuskegee Institute honoring Black military leaders (Aug 17, 1979). Antonia Handler Chayes. AF Plcy Ltr for Comdrs: Sup No. 10:8-13 Oct '79

Force shortages bad, but controllable. (Testimony before the House Armed Services Subcommittee on Military Personnel) Antonia Handler Chayes. por AF Times 39:3-4 Mar 12 '79

Manpower and personnel program. (Address, House of Representatives Armed Services Committee, Washington, Feb 28, 1979) Antonia Handler Chayes. AF Plcy Ltr for Comdrs: Sup No. 4:2-14 Apr '79

Mark, Chayes, Hermann--three are moving up (to AFSec, Under Sec, and an assistant sec). AF Times 39:16 Jul 9 '79

"... people are too ready to sell the all-volunteer force down the river." Interview. Antonia Handler Chayes. por Armed Forces J Intl 117:48-51 Oct '79

Secretaries Mark, Chayes, Hermann nominated for top USAF posts. Bonner Day. por AF Mag 62: 34-35 Aug '79

Some Air Force views on military compensation. Antonia Handler Chayes. por Air Reservist 31:3 May '79

CHEMICAL-BIOLOGICAL WARFARE

See also
Defoliation

Are we ready for the germs??? SGM Jack W. Jaunal,
Ret. MarCor Gaz 63:20-21 Mar '79

A case for Marine Corps chemical warfare readiness.
Maj John F. Brosnan, Jr. illus US Nav Inst Proc
105:108-111 Nov '79

Disaster preparedness: Chemical warfare defense.
TIG Brief 31:12 Oct 19 '79

Gas: Silent and humane warrior. Andrew Breland,
MarCor Gaz 63:23-24 Mar '79

Is USAF ready for chemical warfare? Maj Neil V.
Raymond. illus AF Mag 62:100-103 Nov '79

It's time to face the reality of chemical warfare. Maj
B.C. Henry. illus tab MarCor Gaz 63:26-30 Mar '79

The other gas crisis--chemical weapons. Charles H.
Bay. Parameters pt 1, 9:70-80 Sep '79

A report on the first annual Chemical Defense Con-
ference (Quantico, VA, Oct 1978). illus MarCor
Gaz 63:31-38 Mar '79

Russian CW: Our Achilles heel, Europe. LtCol Gary
Eifried. illus Army 29:24-28 Dec '79

The Soviet Union's growing arsenal of chemical war-
fare. John Erickson. illus Strat Rev 7:63-71
Fall '79

Surviving to fight the active defense. Capt Robert L.
Maginnis. illus Infantry 69:23-26 Jul-Aug '79

Safety Measures

A case for Marine Corps chemical warfare readiness.
Maj John F. Brosnan, Jr. illus US Nav Inst Proc
105:108-111 Nov '79

"Gas!" It's your turn to act! Sgt J.C. Wiegand.
MarCor Gaz 63:23 Dec '79

Is USAF ready for chemical warfare? Maj Neil V.
Raymond. illus AF Mag 62:100-103 Nov '79

Russian CW: Our Achilles heel, Europe. LtCol Gary
Eifried. illus Army 29:24-28 Dec '79

CHEMICALS

AF, HEW studying 'Orange.' AF Times 39:27
Jun 18 '79

Chlorine: When in doubt, test for leaks. TIG Brief
31:11 Mar 23 '79

DOD, GAO differ on 'Orange.' AF Times 40:4
Dec 10 '79

Herbicide (Agent Orange) threat to humans cited.
Richard C. Barnard. AF Times 39:20 Apr 30 '79

Hydrazine and the F-16. Maj Warren D. Tuttle. illus
Aerospace Safety 35:8-10 Nov '79

VA appoints Agent Orange panel. AF Times 40:7
Aug 13 '79

VA red tape said adding to Agent Orange anxiety.
Larry Carney. AF Times 39:45 May 21 '79

Vets get action on Agent Orange. Richard C. Barnard.
AF Times 39:4 Jun 18 '79

CHEMICALS - Continued

What is N₂H₄? Capt Pete Abler. illus TAC Attack
19:18-19 Jan '79

CHESNEY, Murphy A.

Air Force Medical Service Center. por AF Mag 62:
105-106 May '79

CHICAGO

Spanish Americans' search for political representa-
tion: The 1975 aldermanic election in Chicago.
Luis M. Salces. tabs J Pol & Mil Sociol 6:175-187
Fall '78

CHILD ABUSE

Child abuse: Juggling statistics loses sight of the
children. Lothar H. Wedekind. illus AF Times,
Times Magazine sup:14+ Oct 15 '79

Child abuse reports rose slightly in 1978. tab AF
Times 39:2 Mar 19 '79

Child advocacy program administrative points to re-
member. TIG Brief 31:16 Jul 2 '79

'Children do not need brute force': A woman's per-
sonal story of the violence in her home. Susan
Harding. illus AF Times, Times Magazine sup:
20-21 Mar 19 '79

GAO faults DOD on child advocacy. AF Times 39:14
Jun 18 '79

Statistics

Child abuse reports rose slightly in 1978. tab AF
Times 39:2 Mar 19 '79

CHILDREN, MILITARY

See also
Education (Dependents)
Project--CHAP

CHAMPUS now covers crib death monitors. AF
Times 39:2 Jul 16 '79

Child abuse reports rose slightly in 1978. tab AF
Times 39:2 Mar 19 '79

Child care centers broaden admissions. Len Famig-
lietti. AF Times 39:10+ Mar 12 '79

'Children do not need brute force': A woman's per-
sonal story of the violence in her home. Susan
Harding. illus AF Times, Times Magazine sup:
20-21 Mar 19 '79

Going overseas--it's not just another move for your
child. Nancy Baggett. illus AF Times, Times
Magazine sup:6-10 Feb 5 '79

Moving or anything? Take care of kids. Len Fa-
miglietti. AF Times 40:2 Dec 17 '79

To be single and a parent--soldiers go to Korea to
adopt orphans. Jay Finegan. illus AF Times,
Times Magazine sup:28-30 Oct 15 '79

When baby makes three. SSgt Richard A. Kleiner.
illus Airman 23:10-13 Nov '79

CHINAForeign RelationsRussia

Bear claws and dragon teeth. RADM Kemp Tolley,
Ret. illus US Nav Inst Proc 105:28-34 Dec '79

CHINA (PEOPLE'S REPUBLIC)See also

Vietnam (Socialist Republic)--Chinese Invasion, 1979

China's military potential: A growing U.S. dilemma. Bonner Day. map illus AF Mag 62:38-42 Jan '79

Lessons of the past and the "Chinese card." Col O.Rzheshesky. Soviet Mil Rev No.8:36-39 Aug '79

The People's Republic of China in world affairs-- recent writings, contemporary topics. Thomas H. Etzold. AU Rev 30:74-84 May-Jun '79

U.S.' toughest message to the USSR: How U.S. recognition of China bolsters the strategic balance, SALT, and NATO. Justin Galen. tab Armed Forces J Intl 116:30-36 Feb '79

The winds of change come to mainland China. Col Robert D. Heintz, Jr. Ret. illus Sea Power 22:23-28 Jan '79

Description and Travel

Behind the Great Wall. Jerry Fletcher. illus AF Times, Times Magazine sup:16-19 Oct 1 '79

Foreign Policy

China visit: A military assessment. Capt William R. Heaton, Jr. illus Army 29:22-26 Nov '79

Global ramifications of the Sino-Soviet dispute. Richard Dana. illus Def & For Aff Dig 7, No. 10: 32-33+ '79

How to survive in Chinese: A provocative look at why Teng Hsiao-ping flung himself at the U.S. Armed Forces J Intl 116:22-23+ Feb '79

The Sino-Soviet conflict: A search for new security strategies. William G. Hyland. illus Strat Rev 7: 51-62 Fall '79

The winds of change come to mainland China. Col Robert D. Heintz, Jr. Ret. illus Sea Power 22:23-28 Jan '79

Foreign Relations

China visit: A military assessment. Capt William R. Heaton, Jr. illus Army 29:22-26 Nov '79

Africa, East

The Sino-Soviet split: The Horn of Africa, November 1977 to February 1979. LCDR L.G. Shelton, Jr. illus Nav War Col Rev 32:78-87 May-Jun '79

NATO

China and the NATO countries. V. Divov. Soviet Mil Rev No.4:49-51 Apr '79

Pakistan

The Karakoram Highway: An exercise in nation building. Nazir A. Kamal. illus map Def & For Aff Dig 7, No.9:18-19+ '79

Russia

New friends and new enemies. Maj Edgar O'Ballance, Ret. illus Mil Rev 59:14-25 Oct '79

The People's Republic of China in world affairs-- recent writings, contemporary topics. Thomas H. Etzold. AU Rev 30:74-84 May-Jun '79

CHINA (PEOPLE'S REPUBLIC) - ContinuedForeign Relations - Cont'dRussia - Cont'd

Sino-Soviet competition in the Yemens. LCDR Charles T. Creekman, Jr. map illus Nav War Col Rev 32: 73-82 Jul-Aug '79

The Sino-Soviet conflict: A search for new security strategies. William G. Hyland. illus Strat Rev 7: 51-62 Fall '79

Sino-Soviet relations since the death of Mao Zedong. LtCol Burrell H. Landes, Jr. illus tab Nav War Col Rev 32:29-47 Sep-Oct '79

The Sino-Soviet split: A fixture on the landscape? Richard Dana. Def & For Aff Dig 7, No.8: 45-47 '79

The Sino-Soviet split: The Horn of Africa, November 1977 to February 1979. LCDR L.G. Shelton, Jr. illus Nav War Col Rev 32:78-87 May-Jun '79

Third World

Global ramifications of the Sino-Soviet dispute. Richard Dana. illus Def & For Aff Dig 7, No. 10: 32-33+ '79

United States

The implications of Sino-American normalization. Jonathan D. Pollack. Intl Sec 3:37-57 Spring '79

Strategic and economic effects of the U.S.-China rapprochement on the Philippines. LCDR Jesus L. Regala. Nav War Col Rev 32:99-103 Jul-Aug '79

Vietnam (Socialist Republic)

China touches the tigers' bottoms. MajGen Robert N. Ginsburgh, Ret. illus AF Mag 62:40-45 Jun '79

Communist vs Communist in Southeast Asia. Douglas Pike. Intl Sec 4:20-38 Summer '79

Dilemmas for America in China's modernization. Lucian W. Pye. Intl Sec 4:3-19 Summer '79

History

China today. Brig F.W. Speed. Army Qtr pt 1, 107: 443-448 Oct '77; pt 2, 108:79-87 Jan '78; pt 3, 108:188-196 Apr '78

The People's Republic of China in world affairs-- recent writings, contemporary topics. Thomas H. Etzold. AU Rev 30:74-84 May-Jun '79

CHINA (REPUBLIC)Foreign RelationsUnited States

The 'Taiwan problem' revisited. Vincent C. Thomas, Jr. Sea Power 22:25 Nov '79

The 'Taiwan question': A final solution? James D. Hessman. Sea Power 22:29-32 Jan '79

CHRISTIE, Thomas P.

Testing air tactics and hardware. (Address to a symposium on air-to-air combat co-hosted by the Air Force Directorate of Concepts and Analyses and the USAF Tactical Fighter Weapons Center, Washington, Aug 1978) Thomas P. Christie. AF Plcy Ltr for Comdrs: Sup No. 1:23-33 Jan '79

CHRONOLOGY

See also subdivision Chronology under specific subjects

CHUBB, Melvin F., Jr

(Aeronautical Systems Division) Interview. BrigGen Melvin F. Chubb, Jr. por Mil Elect/Countermeasures 5:12+ Feb '79

CHURCHES see Chapels and Churches

CIPHERS see Cryptography

CIRCADIAN RHYTHMS see Biological Rhythms

CIRCUITS AND CIRCUITRY

Advanced microcircuit technology. Mil Elect/Countermeasures pt 1, New DOD effort in VHSICs (Very High Speed Integrated Circuits). 5:51-54 Jan '79; pt 2, GaAs integrated circuits for military/space applications. D. Howard Phillips. 5:24+ Mar '79; pt 3, VHSIC contracting: Revolutionary--Intel position clarified. Murry Shohat. 5:36+ Apr '79; pt 4, Releases roll during VHSIC lull. Murry Shohat. 5:86+ May '79; pt 5, Radiation hardening. George E. Avery. 5:74+ Jun '79; pt 6, VHSIC/VLSI forcing function. Handel H. Jones and George E. Avery. 5:70-73 Jul '79

Arm wrestling with industry: Pentagon antes \$200 million for fast ICs. Harry F. Eustace. illus tab Elect Warfare/Def Elect 11:39-42+ Jan '79

Army electronics future mirrored in chip program. Murry Shohat. illus Mil Elect/Countermeasures 5:41-43 Jul '79

Cosmic radiation effects in spacecraft microelectronics. D. Howard Phillips. illus tabs Mil Elect/Countermeasures pt 1, 5:88-92 Aug '79; pt 2, 5:87-88+ Sep '79

Defense microelectronics. Regular feature in Defense Electronics

Digital raster graphics for military applications. illus Mil Elect/Countermeasures 5:62-64 May '79

Gigabit Logic (for Microwaves) Conference--report. D. Howard Phillips. Mil Elect/Countermeasures 5:21 Jun '79

Hybrid circuit applications in military systems. Jim Martin. illus Def Elect 11:100-105 Aug '79

Hybrid circuit selection criteria for modernizing older systems detailed. Howard K. Dicken. illus tabs Def Elect 11:79+ Sep '79

Integrated circuit architectural details revealed. Jim Martin. illus Def Elect 11:86-90+ Dec '79

JJ's (Josephson Junctions): Are they military technology? George E. Avery. illus Mil Elect/Countermeasures pt 1, 5:81-85 Sep '79; pt 2, 5:44+ Oct '79

Manchester terminal unit in CMOS LSI. illus Mil Elect/Countermeasures 5:42+ Apr '79

Megabit-level magnetic bubble memory impacts military computer systems. Bernard C. Cole. illus tabs Def Elect 11:69-70+ Sep '79

Mil IC directory. illus tabs Mil Elect/Countermeasures 5:35+ Aug '79

CIRCUITS AND CIRCUITRY - Continued

Military integrated circuits & hybrids. tabs Mil Elect/Countermeasures 5:35+ Feb '79

Military linear microcircuits: On the move. John S. Kulpinski. tabs Mil Elect/Countermeasures 5:32+ Mar '79

Military microcircuit activity. Regular feature in issues of Military Electronics/Countermeasures

Military microcircuits: Failure analysis at RADC (Rome Air Development Center). Ed Doyle, Jr. illus Mil Elect/Countermeasures 5:75-79 Feb '79

Navy surface EW: Lots of attention in chip program. Murry Shohat. illus Mil Elect/Countermeasures 5:80+ Aug '79

New directions in 1980s mil-communications. Jim Martin. illus Elect Warfare/Def Elect 11:78-79+ Apr '79

Peripheral chips reduce burden on microprocessors. Joseph H. Kroeger. illus Def Elect 11:67-72+ Jul '79

Process controls key to military IC reliability. John D. Shea. illus Def Elect 11:77-78+ Jun '79

Rockwell reveals its approach to DOD VHSIC program. illus Def Elect 11:73-74+ Dec '79

Selecting ICs for mil-systems. Glen R. Madland. illus tabs Elect Warfare/Def Elect 11:38-39+ Feb '79

Semiconductor focus. Regular feature in issues of Defense Electronics

Submicron technology opens new doors. illus tabs Elect Warfare/Def Elect 11:70-72 Mar '79

U.S. integrated circuit sources. Def Elect 11:83-84+ Sep '79

VHSIC (Very High Speed Integrated Circuit) planning progresses. Elect Warfare/Def Elect 11:36-38 Apr '79

CITIES AND TOWNSGermany (Federal Republic)

Soldiers in the city. Steve Abbott. illus Soldiers 34: 11-13 Mar '79

Russia

Vladivostok. V. Alexandrov. illus Soviet Mil Rev No. 11:12-14 Nov '79

United States

From Federal offices to rehab rowhouses: This city (Baltimore) makes it happen. illus Govt Exec 11: 16-18+ Nov '79

A small town's (Woodbine, NJ) small gamble pays off. Daniel Guida. illus Govt Exec 11:37+ Oct '79

CITIZENSHIP

Happy birthday, Josie. (Former Cuban, A1C Fernandez, celebrates her American citizenship day as well as her birthday) Capt Katie Cutler. illus Airman 23:37-40 Jul '79

CIVIC ACTION PROGRAM

See also
Defense Community Service Program

Military aid to civil communities. (Seminar held at the RUSI, June 26, 1978) Alec G. Dickson and others. RUSI J for Def Studies 124:3-12 Mar '79

CIVIL AERONAUTICS BOARD

CAB pressure for deregulation. illus Interavia 34: 709-710 Jul '79

CIVIL AFFAIRS

Civil-military operations: An element in winning the first battle in Central Europe. LtCol Wesley A. Groesbeck. illus Mil Rev 59:14-19 Apr '79

CIVIL AIR PATROLAlaska

A matter of life. (Air Force and CAP rescue units in Alaska) MSgt David B. Drachlis. illus Airman 23:38-44 May '79

CIVIL DEFENSE

See also
Evacuation, Civilian
Shelters

Russia

Aspin hits Soviet civil defense. AF Times 39:6 Jan 15 '79

The civil defense factor in the strategic balance. Leon Goure. illus Natl Def 64:45-46+ Sep-Oct '79

Soviet civil defense: Some myths in the Western debate. Fred M. Kaplan. (Condensed from Survival, May-June 1978) illus Mil Rev 59:57-64 Mar '79

Soviet-United States civil defense--tipping the strategic scale? Maj Thad A. Wolfe. illus tabs maps AU Rev 30:40-55 Mar-Apr '79

Who are those guys? Donald L. Clark. illus AU Rev 30:47-65 May-Jun '79

United States

See also
Defense Civil Preparedness Agency

Aspin hits Soviet civil defense. AF Times 39:6 Jan 15 '79

Bracing civil defense. AF Times 40:18 Aug 20 '79

Civil defense worries panel (congressional delegation). AF Times 39:7 Jan 29 '79

DOD to lose civil defense responsibility (to new Federal Emergency Management Agency). AF Times 39:4 Feb 5 '79

Nuclear deterrence does not make civil defense unnecessary. J.F. Wallace. (Reprinted from Canadian Defence Quarterly, Summer 1978) illus Mil Rev 59:50-59 May '79

Panel asks 'modest' plan for nuclear evacuation. AF Times 39:8 Jan 22 '79

Soviet-United States civil defense--tipping the strategic scale? Maj Thad A. Wolfe. illus tabs maps AU Rev 30:40-55 Mar-Apr '79

CIVIL DEFENSE - ContinuedUnited States - Cont'd

That old dog won't hunt. Col John E. Bex. illus Officer 55:21 Mar '79

CIVIL ENGINEERING

A-E (Architect-Engineer) firms--a vital Air Force resource. MajGen William D. Gilbert. illus Mil Engr 71:11-14 Jan-Feb '79

AF begins own engineering safety guide. AF Times 40:13 Dec 24 '79

Air Force architecture: Creative answers through design. Col Sydney E. Key, Ret. illus AF Engrg & Svcs Qtr 20:2-5 May '79

Air Force real property maintenance. MajGen William D. Gilbert. illus Mil Engr 71:80-81 Mar-Apr '79

Air Force Regional Civil Engineer--ready to help in meeting mission requirements. Col Elo Mussetto. illus AF Engrg & Svcs Qtr 20:34-36 Nov '79

CESMET: The Air Force Civil Engineering and Services Management Evaluation Team. Maj B.G. Page. AF Compt 13:12-13 Oct '79

COCESS (Contractor-Operated Civil Engineer Supplies Store) Materiel Requirements List (MRL). TIG Brief 31:16 Jul 13 '79

Civilian attrition. CDR W.E. Peterson. illus tabs AF Engrg & Svcs Qtr 20:9-13 Feb '79

Evaluating the effectiveness of facilities engineer projects. Maj Richard W. Graumann. illus tabs Mil Engr 71:99-103 Mar-Apr '79

FMI's (Functional Management Inspections): To improve the work environment. Maj Jack L. Joines. AF Engrg & Svcs Qtr 20:26-27 Aug '79

Facilities engineering at Redstone Arsenal (AL). Paul W. Hancock. Mil Engr 71:104-105 Mar-Apr '79

An image carefully constructed: Caring. Capt Donald J. Graybill. illus AF Engrg & Svcs Qtr 20:6-8 Aug '79

Image--its role in achieving total success. MajGen William D. Gilbert. AF Engrg & Svcs Qtr 20:2-4 Aug '79

The image of a revitalized base (Moody AFB, GA). LtCol Robert H. Lynch. illus AF Engrg & Svcs Qtr 20:24-25 Aug '79

Increasing efficiency and building an image. LtCol Joseph L. Hicks. illus AF Engrg & Svcs Qtr 20: 10-12 Aug '79

Maintaining the Coast Guard's shore plant. RADM Benedict L. Stabile. illus tab Mil Engr 71:106-108 Mar-Apr '79

Managing the Army's real property. MajGen William R. Wray. illus Mil Engr 71:97-98 Mar-Apr '79

Monitoring device costs little, saves a lot. William L. Kellan. illus AF Engrg & Svcs Qtr 20:32-33 Nov '79

NAS Jacksonville. CAPT James D. Kirkpatrick. illus Mil Engr 71:93-96 Mar-Apr '79

Navy facilities engineering operations. RADM Donald G. Iselin. illus map Mil Engr 71:90-92 Mar-Apr '79

CIVIL ENGINEERING - Continued

19th century engineering: The Davis Island Lock and Dam. Leland R. Johnson. illus map Mil Engr pt 1, 71:256-258 Jul-Aug '79; pt 2, 71:338-340 Sep-Oct '79

People programs: Getting the word out. Capts Susan A. Christensen and John L. Leppert. illus AF Engrg & Svcs Qtr 20:29-31 Feb '79

Perceptions: Believing is seeing. Rich Johnson. illus AF Engrg & Svcs Qtr 20:3-8 Feb '79

Post job critique: Improving our self image. Eric Stephens. illus AF Engrg & Svcs Qtr 20:22-23 Aug '79

Prime BEEF (Base Engineering Emergency Force) and Prime RIBS (Readiness In Base Services). Maj Max W. Day and LtCol George T. Murphy. illus AF Engrg & Svcs Qtr 20:18-21+ Nov '79

SARPMA (San Antonio Real Property Maintenance Agency) becomes operational. LtCol Charles Medlock, Jr and Col John P. Thomas. illus map tab Mil Engr 71:82-87 Mar-Apr '79

The space shuttle goes West. LtCols Raymond E. Rodgers, Jr and Tyler Jackson. illus AF Engrg & Svcs Qtr 20:29-33 Aug '79

The traveling teams of the AFESC. Maj Ronald C. Bunch. illus AF Engrg & Svcs Qtr 20:10-12 Nov '79

The world is their workshop. (ANG and AFR civil engineering units) illus Air Reservist 31:10-11+ May '79

Study and Teaching

ANG lands at Valley Forge. TSgt John Bunker. illus Air Reservist 31:12-14 Oct '79

CIVIL RESERVE AIR FLEET

Reserve Air Fleet said working well. AF Times 39:7 Jan 29 '79

CIVIL RIGHTS

Equal employment opportunity civil suits: An analysis of their impact. LtCol George M. Nakano. AF Law Rev 20, No.2:119-161 '78

International humanitarian law. (Presentation, Inter-American Bar Assoc, San Juan, PR, Aug 28, 1979) MajGen Walter D. Reed. AF Plcy Ltr for Comdrs: Sup No.10:21-30 Oct '79

The Jencks Act. Maj Olan G. Waldrop, Jr. AF Law Rev 20, No.2:93-118 '78

The new law of armed conflict. Col G.I.A.D. Draper. RUSI J for Def Studies 124:3-11 Sep '79

Two ways of life: Rights real and fictitious. Col V. Borisov. Soviet Mil Rev No.6:52-54 Jun '79

Why U.S. influence is declining in Latin America. Bonner Day. map illus tabs AF Mag 62:52-57 May '79

CIVIL SERVICE

See also
Civilian Employees

Bases told Reform Act will affect AF civilians. AF Times 39:11 Jan 29 '79

CIVIL SERVICE - Continued

Civil service reform. (Remarks, Conference on Civil Service Reform, Ocean City, MD, Oct 23, 1978) Harold Brown. AF Plcy Ltr for Comdrs: Sup No.12:9-13 Dec '78

Civil service reform: "A world of responsibility for management." (Remarks, Conference on Civil Service Reform, Ocean City, MD, Oct 23, 1978) Harold Brown. illus Def Mgt J 14:9-11 Nov '78

A new approach to performance evaluation and recognition. Thomas J. Gelli. illus Def Mgt J 15:3-6 Jan '79

CIVIL SERVICE REFORM ACT

Army's civilians feel the effects of reform law. Frederick Newman. illus Army 29:76-80 Oct '79

Bases told Reform Act will affect AF civilians. AF Times 39:11 Jan 29 '79

Civil service reform. (Remarks, Conference on Civil Service Reform, Ocean City, MD, Oct 23, 1978) Harold Brown. AF Plcy Ltr for Comdrs: Sup No.12:9-13 Dec '78

Civil service reform: "A world of responsibility for management." (Remarks, Conference on Civil Service Reform, Ocean City, MD, Oct 23, 1978) Harold Brown. illus Def Mgt J 14:9-11 Nov '78

CIVIL SUPREMACY OVER THE MILITARY see
Military-Civil RelationsCIVIL WAR--U.S.

Admiral Samuel F. Du Pont, the Navy Department, and the attack on Charleston, April 1863. Gerald S. Henig. Nav War Col Rev 32:68-77 Feb '79

Civil War buffs. Capt Clifford H. Bernath. illus Soldiers 34:48-51 Aug '79

Civil War photos viewed through a modern lens. Barry Sparks. illus Army 29:44-47 May '79

The debacle of Ball's Bluff. John M. Taylor. illus map Army 29:47-50 Jan '79

Dilger--artilleryman of note. Col Robert M. Stegmaier, Ret. illus Fld Arty J 47:58-59 Mar-Apr '79

Dr Mary Walker, Civil War surgeon. SP5 Lana Ott. illus Soldiers 34:21-22 Nov '79

Lincoln as CinC. Col H.G. Summers, Jr. illus Army 29:38-42 Sep '79

Maj Barnhard's magnificent folly. Col Glenn E. Fant, Ret. illus Army 29:50-52 Dec '79

Morgan's raid. SP4 Janette J. Raker. illus map Armor 88:23-25 May-Jun '79

CIVILIAN EMPLOYEES

See also
Reduction in Force

Air Force--U.S.

AFGE (American Federation of Government Employees) would merge its AF units. AF Times 40:11 Nov 26 '79

Advanced sick leave. TIG Brief 31:10 Feb 23 '79

Bases told Reform Act will affect AF civilians. AF Times 39:11 Jan 29 '79

CIVILIAN EMPLOYEES - ContinuedAir Force--U.S. - Cont'd

Centralized management of training. TIG Brief 31:14 Apr 20 '79

Civilian executive program initiated. AF Times 39:31 Apr 23 '79

Civilian safety and health discipline. TIG Brief 31:6 Jul 13 '79

Corrective action in a civilian drug or alcohol abuse related problem. TIG Brief 31:10 Feb 9 '79

Drive on civilian drink gains ground. AF Times 39:29 Jan 22 '79

Interim labor regs due soon--FLRA (Federal Labor Relations Authority) will begin reducing backlog of cases. Don Mace. AF Times 40:6 Jul 30 '79

Interviewing women candidates. TIG Brief 31:9-10 May 18 '79

Log-ed--logistics education for Air Force civilians. Carl L. Gordon and Charles D. Wood. illus Log Spectrum 13:26-28 Winter '79

Management participation in the classification process. TIG Brief 31:9 Feb 23 '79

6.9% of civilian force said 'problem drinkers.' AF Times 40:24 Jul 30 '79

6.9% of civilians show alcohol problems. Randy Saunders. AF Times 39:2 May 14 '79

A special note to military supervisors of civilian employees. TIG Brief 31:11 Dec 7 '79

3400 in-service jobs to be contracted out. AF Times 39:48 Apr 2 '79

Union action hits AF. Randy Moore. AF Times 39:4 Jan 22 '79

Armed Forces--U.S.

GAO cites civilian crimes o'seas--many unprosecuted. Suzanne Viau. AF Times 40:6 Oct 1 '79

GAO: Use more MWR civilians and save. AF Times 40:33 Aug 6 '79

OPM cites survey--civil service 'morale is high.' Don Mace. AF Times 40:8 Dec 3 '79

Army--U.S.

Army's civilians feel the effects of reform law. Frederick Newman. illus Army 29:76-80 Oct '79

A new approach for identifying best-qualified candidates. Michael L. Johnson and Kenneth McCloskey. illus tabs Def Mgt J 14:31-33 Nov '78

Participative personnel management: Involuntary servitude of managers? Sherrie Holliman and Nina Schlegel. illus Def Mgt J 15:18-22 Jul-Aug '79

Pay schedule for Army civilian employees effective October 1, 1979. Table only. Soldiers 34:5 Nov '79

Defense Dept--U.S.

Civilian attrition. CDR W.E. Peterson. illus tabs AF Engrg & Svcs Qtr 20:9-13 Feb '79

Industry, unions battling over 'contracting out.' Bob Gatty. illus Army 29:30-32 Jul '79

CIVILIAN EMPLOYEES - ContinuedDefense Dept--U.S. - Cont'd

Permanent change of station relocation expenses of civilian employees. TIG Brief 31:15 Jun 1 '79

The Priority Placement Program: The DOD civilian's employment security. H. Adrian Osborne. illus tabs Def Mgt J 15:10-14 Jan '79

Navy--U.S.

How the Navy is tapping management potential. John Walker Hartigan. illus Def Mgt J 15:28-33 Jul-Aug '79

The Navy's civilian ships. Larry C. Manning and Louis R. Granger. illus US Nav Inst Proc 105:49-55 Nov '79

United States

Civilian employment opportunities and you. CW2 Paul E. Merchant. illus USA Avn Dig 25:14-15 Dec '79

Civilian hike data computerized. AF Times 39:11 Jan 1 '79

Equal employment opportunity civil suits: An analysis of their impact. LtCol George M. Nakano. AF Law Rev 20, No.2:119-161 '78

Report asks SS for government. AF Times 40:4 Dec 24 '79

Salaries and Wages

Another 5.5 percent pay cap in offing. Bob Schweitz. AF Times 39:1+ Jan 1 '79

Average DOD civilian now earns \$21,720, 61% more than his military counterpart. Benjamin F. Schemmer. tab Armed Forces J Intl 116:6 Mar '79

CPI--bad news for active pay--good for retired. AF Times 39:3 May 7 '79

Carter pay reform plan in trouble. AF Times 40:2 Dec 3 '79

A comparison of the compensation in public and private employment and the effects of unionization in the public sector. Nancy Ditomaso. tabs J Pol & Mil Sociol 7:53-69 Spring '79

DOD: Cut military, civilian pay hike link. AF Times 39:1+ Jun 4 '79

End pay link, Carter says. Tom Philpott. illus AF Times 39:1+ Jun 18 '79

FY '81 'assumption': 7.4% hike. AF Times 40:3 Dec 10 '79

GSA ups civilian mileage pay. AF Times 40:29 Jul 30 '79

Hill panel weighs civilian pay link. AF Times 40:3 Oct 22 '79

House stays with 5.5% hike. Andy Plattner. AF Times 39:3 May 28 '79

Is pressure building for bigger pay hike? Tom Philpott. illus AF Times 39:1+ May 14 '79

Merit pay possible irritant. (Interview with Craig Cumbey) Don Mace. AF Times 40:33+ Oct 8 '79

Military pay lags civilian by \$4.7B. tabs AF Times 40:1+ Nov 5 '79

CIVILIAN EMPLOYEES - ContinuedUnited States - Cont'dSalaries and Wages - Cont'd

NAF workers: No o'sea COLA plan. Suzanne Viau.
AF Times 39:7 Feb 19 '79

New payroll system tested for civilians. AF Times
40:3 Sep 10 '79

Once-a-year hike pushed for retired. AF Times 40:11
Jul 30 '79

Pay plan could favor military. AF Times 39:3-4
Jun 25 '79

Pay schedule for Army civilian employees effective
October 1, 1979. Table only. Soldiers 34:5 Nov '79

Performance pay--will it work? Richard A. Stimson.
illus Def Mgt J 15:23-27 Jul-Aug '79

7 percent raise set for military, civilians. Tom Philpott.
AF Times 40:1 Sep 10 '79

6.5% hike is possible. Tom Philpott. AF Times 40:1+
Sep 3 '79

System fouled by pay caps. Tom Philpott. AF Times
40:1+ Sep 17 '79

White House eyes separate pay hike plan. AF Times
39:2 Jun 11 '79

CIVILIAN HEALTH AND MEDICAL PROGRAM OF THE
UNIFORMED SERVICES see MedicareCLAIMS

See also
Court of Claims
Liability

Personal property claims. TIG Brief 31:9 Jul 13 '79

Relief seen for Iran property losses. AF Times 40:9
Sep 10 '79

Twice blessed: Reporting shipment loss or damage.
TIG Brief 31:6 Jan 12 '79

CLARKE, Bruce C.

Leadership takes on a new aspect when an officer--
takes command! Gen Bruce C. Clarke, Ret. por
Nat'l Guard 33:14-15 Mar-Apr '79

CLASSIFICATION see Personnel Classification;
Security ClassificationCLAUSEWITZ, Karl von

The challenge of Clausewitz. GpCapt R.A. Mason.
AU Rev 30:75-79 Mar-Apr '79

CLAYTOR, W. Graham, Jr

Service Secretaries send memos: Mark to Brown--
push for 7% hike. Tom Philpott. AF Times 39:1+
Jun 11 '79

CLEVELAND, Charles G.

The education and training program. (Presentation,
Subcommittee on Manpower and Personnel, Senate
Armed Services Committee, March 21, 1979)
MajGen Charles G. Cleveland, AF Plcy Ltr for
Comdrs: Sup No. 6:7-18 Jun '79

PME schools in funds bind. Interview. MajGen
Charles G. Cleveland. AF Times 39:4 Apr 9 '79

CLIFFORD, Thomas E.

A tribute to General James. (Remarks, 7th Annual
Community Service Awards Banquet, Church of
All Nations of Central California, Stockton,
Oct 14, 1978) MajGen Thomas E. Clifford. AF Plcy
Ltr for Comdrs: Sup No. 2:27-31 Feb '79

CLIMATE

Health and high command: Stress, sleep and climate
change. (Report of a seminar, RUSI, Nov 29, 1978)
Brig Harry Pozner, Ret and others. RUSI J for
Def Studies 124:18-28 Jun '79

Materiel testing in natural environments. William J.
Haslem. illus tab Army Log 11:42-45 May-Jun '79

CLOCKS AND WATCHES see Time MeasurementCLOSE AIR SUPPORT

A-10 close support operations in Europe. BrigGen
Rudolph F. Wacker. illus AF Mag 62:73-77 Aug '79

The A-10 in Central Europe--a concept of deploy-
ment-employment. Col Robert D. Rasmussen. map
illus tabs AU Rev 30:26-44 Nov-Dec '78

Airborne anti-tank capabilities scrutinized. (Exercise -
TASVAL) Richard Hartman. illus tabs Def Elect
pt 1, 11:53-54+ Nov '79; pt 2, 11:54-55+ Dec '79

The airborne forward air controller--future needs and
opportunities. John W. Ellis, Jr. illus AU Rev 30:
38-47 Jan-Feb '79

Can the A-10 Thunderbolt II survive in Europe?
Charles Gilson. illus tabs Intl Def Rev 12, No. 2:
184-189 '79

Close air support--just facts. Maj Gene N. Patton.
illus USA Avn Dig 25:42-44 Sep '79

Close air support tactics: A low-altitude view. Maj
Robert O'Rourke. illus US Nav Inst Proc 105:107-
109 Apr '79

Cope Elite (Army-Air Force exercise in Hawaii).
MSGT Tom Jacobus. illus Airman 23:21-28 Mar '79

The emperor's close air support. GpCapt Ian Madelin.
illus AU Rev 31:82-86 Nov-Dec '79

GEPOD 30--a new 30-mm gun pod from General
Electric. illus (Also cutaway) tab Intl Def Rev 12,
No. 4:640 '79

Marine Aviation 1979: Battling for the best air sup-
port possible for the guy on the ground. Interview.
LtGen Thomas H. Miller, Jr. illus MarCor Gaz
63:50-57 May '79

New communication in CAS (called Joint Tactical In-
formation Distribution System). Maj William R.
Barnard, Ret. MarCor Gaz 63:20-21 Apr '79

Soviet close air support: An indispensable comrade in
combined arms operations. Cpts Richard F. Ric-
cardelli and Gary L. Jackson. illus tab Mil Rev 59:
11-20 May '79

CLOTHING

See also
Clothing, Protective
Personal Equipment
Uniforms

CLOTHING, PROTECTIVESee also

Helmets

Pressure Suits

Bioassay of thermal protection afforded by candidate flight suit fabrics. Francis S.Knox III and others. illus tabs Aviation, Space & Envmt Med 50:1023-1030 Oct '79

A case for Marine Corps chemical warfare readiness. Maj John F.Brosnan, Jr. illus US Nav Inst Proc 105:108-111 Nov '79

Cold water survival suits for aircrew. G.R.White and N.J.Roth. illus tabs Aviation, Space & Envmt Med 50:1040-1045 Oct '79

Does anyone out there care about life support? LtCol Doug Miller. illus Interceptor 21:18-19 Mar '79

Effect of Fiber and Dye degradation Products (FDP) on burn wound healing. Francis S.Knox III and others. tab illus Aviation, Space & Envmt Med 50:1007-1015 Oct '79

Helicopter passenger survival suit standards in the UK offshore oil industry. William L.B. Leese and J.Nelson Norman. illus map tabs Aviation, Space & Envmt Med 50:110-114 Feb '79

Loss of consciousness in high performance fighters. (What to do about it) Maj Peter R.Nash. illus Aerosp Safety 35:6-7 Nov '79

Nomex flight jackets for aircrews. TIG Brief 31:19 Jun 15 '79

Nomex spells "protection." Jim Clark. (Reprinted from F-5 Technical Digest, Jan 1979) illus TAC Attack 19:14-15 Apr '79

Prediction of body temperatures during exercise in flying clothing. A.J.Belyavin and others. tabs Aviation, Space & Envmt Med 50:911-916 Sep '79

Thermal strain resulting from protective clothing of an armored vehicle crew in warm conditions. René Henane and others. tabs Aviation, Space & Envmt Med 50:599-603 Jun '79

The well dressed man (wears nomex). MSgt James A. Patterson, Jr. illus Aerosp Safety 35:24-26 Apr '79

What's new in life support. LtCol Roland D.Guidry. illus TAC Attack 19:4-7 Apr '79

CLOTHING ALLOWANCES

GAO: Trim EM clothing rate. tab AF Times 39:1+ May 7 '79

CLOUDS

What's in a name? CMSgt Jack DuBose. illus MAC Flyer 26:12-13 Aug '79

CLUBSSee also

Officers Clubs

Servicemen's Clubs

Congressman (Rep Dan Daniel) criticizes club system. Suzanne Viau. AF Times 40:4 Oct 29 '79

Hill told rules hobble clubs. Suzanne Viau. AF Times 40:28 Nov 5 '79

COAST GUARDIceland

Icelandic Coast Guard. Pétur Sigurdsson. illus tab NATO's Fifteen Nations 23:68-69 Special Issue '78

Norway

The Norwegian Navy. RAdm Charles Oluf Herlofson. illus NATO's Fifteen Nations 23:84-87 Special Issue '78

United States

Coast Guard breaks ice with new 140-foot tugs. LT Michael R.Adams. illus tab US Nav Inst Proc 105:113-115 Feb '79

The Coast Guard market for architect/engineers. RADM Benedict L.Stabile. illus map Mil Engr 71:18-21 Jan-Feb '79

The Coast Guard role in deepwater ports. Kenneth J. Burnette. illus maps Mil Engr 71:334-337 Sep-Oct '79

The Coast Guard's retention problem. LT Michael R. Adams. illus US Nav Inst Proc 105:56-61 Nov '79

The Cuyahoga (Coast Guard cutter) disaster ends 51 years of service. Norman Polmar. illus US Nav Inst Proc 105:124-125 Jan '79

Future war and the U.S. Coast Guard. CAPT A.R. Larzelere. illus tabs US Nav Inst Proc 105:182-199 May '79

Global Hope aground: Chronicle of an oil spill. LCDR Kent W.Mathews. illus US Nav Inst Proc 105:127-130 Oct '79

International terrorism and the defense of offshore facilities. LCDR John F.Ebersole. illus US Nav Inst Proc 105:54-61 Sep '79

A kind of war--the Coast Guard and drug interdiction. Charles N.Dragonette. illus Sea Power 22:16-18 Aug '79

Maintaining the Coast Guard's shore plant. RADM Benedict L.Stabile. illus tab Mil Engr 71:106-108 Mar-Apr '79

'A most unusual balancing act'--the Coast Guard today and tomorrow. ADM John B.Hayes. illus tabs Sea Power 22:19-23 Aug '79

Time to put our maritime house in order. CAPT Alexander R.Larzelere. illus US Nav Inst Proc 105:55-61 Jul '79

USCG Reserve strength on upturn. Officer 55:14 Feb '79

COASTSUnited States

Making waves and protecting the nation's shorelines: The Coastal Engineering Research Center. Maj Warren S.Lacy. illus Soldiers 34:44-49 Sep '79

Offshore technology. Regular feature in issues of Military Engineer

COCKERHAM, Samuel G.

The helicopter--design frontier, airborne visibility. BrigGen Samuel G.Cockerham, Ret. por USA Avn Dig 25:1-5 Dec '79

COCKPITS see Airplanes, Military--Cockpits

CODES see Cryptography

COEXISTENCE see International Relations

COIN AIRCRAFT

Counter insurgency and light attack aircraft. Yves Robins. illus tab Aerosp Intl 15:4-6+ Apr-May '79

COLD

Cold water survival suits for aircrew. G.R.White and N.J.Roth. illus tabs Aviation, Space & Envmt Med 50:1040-1045 Oct '79

Physiological Effects

Bimodal relationship of human tremor and shivering on introduction to cold exposure. M.F.Schneider and J.D.Brooke. illus tabs Aviation, Space & Envmt Med 50:1016-1019 Oct '79

Human facial temperatures in natural and laboratory cold. A.T.Steegmann, Jr. tabs Aviation, Space & Envmt Med 50:227-232 Mar '79

Responses of high altitude natives to a standard cold test at sea level. Lazar Mathew and others. tabs Aviation, Space & Envmt Med 50:372-375 Apr '79

The treatment of acute accidental hypothermia: Proceedings of a symposium held at the RAF Institute of Aviation Medicine (Feb 28, 1978). P.Marcus. Aviation, Space & Envmt Med 50:834-843 Aug '79

Vigilance performance of men sleeping under Arctic conditions. R.G.Angus and others. tabs Aviation, Space & Envmt Med 50:692-696 Jul '79

COLD WEATHER OPERATIONS

Army Guard training in Norway sharpens winter warfare skills. illus Natl Guard 33:14-16+ Jun '79

Aviation in the Arctic. CW3 Lyle M.Rizk. illus USA Avn Dig 25:24-27 Jan '79

Casey in the land of the big snow. Capt Jim Evans. illus Combat Crew 29:4-7 Oct '79

Cold facts. Maj Gary L.Studdard. illus Aerosp Safety 35:12-13 Oct '79

'Go' force on the frontier. (AF's Alaskan Tanker Task Force) MSgt David B.Drachlis. illus Airman 23:2-7 May '79

Icing--rethought. Capt James S.Kash. Aerosp Safety 35:5 Nov '79

Jack Frost. Maj Don N.Levy and others. illus Air Reservist 31:16-17 Apr '79

Jack Frost '79--north to Alaska. illus Natl Guard 33:28-30 Mar-Apr '79

The long harsh winter of 1979. illus Natl Guard 33:8-12+ Mar-Apr '79

Mobility/counter mobility in winter warfare. Maj Stephen E.Draper. illus Mil Rev 59:42-49 Apr '79

Northern flank could come unglued. MarCor Gaz 63:10 Aug '79

Ride the wild horse. Maj Charles O.Weir. illus Aerosp Safety pt 1, 35:16-20 Apr '79; pt 2, 35:6-9 May '79; pt 3, 35:6-9 Jun '79

COLD WEATHER OPERATIONS - Continued

Stayin' alive. (Arctic Survival Training School, Eielson AFB, AK) MSgt David B.Drachlis. illus Airman 23:27-30 May '79

Winter Reforger and Certain Sentinel--the machines and the people. Pictorial. NATO's Fifteen Nations 24:121-124 Apr-May '79

Winter warfare by any other name. LtCol Richard A. Dixon. illus map Mil Rev 59:17-25 Mar '79

COLLECTORS AND COLLECTING

The aero collector. Bill Rhode. illus Am Avn Hist Soc J 24:41-44 Spring '79

Aero-collectors pay big prices. Jay Miller. illus AF Times 40:45+ Dec 3 '79

The Battery Book Shop: Dealer in nostalgia. Julie Pursell. illus Army 29:34+ Sep '79

A bit of nostalgia: The chariots of war retire to peaceful pastures. Swede Carlson. illus Def Trans J 35:26+ Oct '79

COLOR

Military Applications

Aeromedical implications of the X-Chrom lens for improving color vision deficiencies. Kenneth W. Welsh and others. tabs Aviation, Space & Envmt Med 50:249-255 Mar '79

A base color plan. Lt Ellen C.Ernst. illus tab AF Engrg & Svcs Qtr 20:34-36 May '79

COMBAT

Attitudes toward combat among U.S. Army paratroopers. William C.Cockerham. tabs J Pol & Mil Sociol 6:1-15 Spring '78

The case against women in combat. George Gilder. (Reprinted from New York Times Magazine, Jan 28, 1979) Parameters 9:81-86 Sep '79

DOD wants combat jobs open to women. AF Times 39:2 May 28 '79

Distaff combat role debated. Andy Plattner. AF Times 40:7 Nov 26 '79

Survival in combat as a collective exchange process. Frederick J.Kviz. J Pol & Mil Sociol 6:219-232 Fall '78

Women in combat: A demurrer. LtCol Edd D.Wheeler. AU Rev 30:62-68 Nov-Dec '78

Women in combat: The need for cultural reconditioning. Capt Judith M.Galloway. illus AU Rev 30:58-61 Nov-Dec '78

Study and Teaching

Basic for officers--hands-on training. 2dLt Dale Wilson. illus Soldiers 34:28-30 Jul '79

MPs on the line. Steve Abbott. illus Soldiers 34:31-33 May '79

COMBAT CONTROL CENTERS

This term is used to include organizations whose missions are like: Tactical Air Control Centers, Tactical Control Centers, Combat Operations Centers, Combat Information Centers.

Allied Air Forces Central Europe. Interview. Gen John W.Pauly. illus NATO's Fifteen Nations 23:81-88 Dec '78-Jan '79

COMBAT CONTROL TEAMS

The quick-action force. 2dLt Karen Harding. illus Airman 23:2-5 Sep '79

COMBAT EVALUATION

See also subdivision under specific subjects, e.g.,

Airplanes, Military--Combat Evaluation
Helicopters, Military--Combat Evaluation
Rifles--Combat Evaluation
Weapon Systems--Combat Evaluation

EW's new dimension. BrigGen Albert N. Stubblebine III. Signal 33:36-38 Mar '79

Electron devices in anticipated battlefields of the future. Ruth M. Davis. illus Signal 33:31-34 Mar '79

Testing air tactics and hardware. (Address to a symposium on air-to-air combat co-hosted by the Air Force Directorate of Concepts and Analyses and the USAF Tactical Fighter Weapons Center, Washington, Aug 1978) Thomas P. Christie. AF Plcy Ltr for Comdrs: Sup No. 1:23-33 Jan '79

COMBAT INFORMATION see Intelligence, Military

COMBAT READINESS

See also
Operational Readiness

The 32d AADCOM: Air defense in Europe--a cooperative effort. illus Air Def Mag, pp 6-10, Jul-Sep '79

'Aggressor' pilots lead a double life. (Interview with Maj Roger Pierce) Len Famiglietti. illus AF Times 39:10 Apr 2 '79

Analyzing Army's readiness and sustainability. LtGen Eivind H. Johansen. Signal 33:15-16 Jul '79

Are our Reserve Components ready? Capt Gerald P. Nye. illus Fld Arty J 47:43-46 Sep-Oct '79

Battlefield recovery. David R. Flyer. illus Army Log 11:36-37 Nov-Dec '79

Civilians in fatigues. Richard S. Wellins and Michael G. Rumsey. illus Infantry 69:15-19 Jul-Aug '79

Combat cohesion in Soviet and American military units. Maj Richard A. Gabriel. illus Parameters 8:16-27 Dec '78

Combat readiness. Gen V. L. Govorov. illus Soviet Mil Rev No. 11:2-6 Nov '79

Conserving energy and combat readiness. Bonner Day. illus tabs AF Mag 62:67-71 Oct '79

Continuous operations in Europe: Feasibility and the effects of leadership and training. Frederick J. Manning. Parameters 9:8-17 Sep '79

DARCOM: Old solutions will no longer suffice. Gen John R. Guthrie. illus tabs Army 29:50-55 Oct '79

Establishing the Army's funding-to-readiness relationship in USAREUR. MajGen Elton J. Delaune, Jr and others. illus tabs Def Mgt J 15:4-9 May-Jun '79

Fighting from fortified battle positions. Col Raymond E. Bell, Jr. illus Army 29:34-39 Jul '79

1st Med(ical) Red Flag held. illus AF Times 40:26 Dec 24 '79

COMBAT READINESS - Continued

Fulfilling mission means being ready to fight anytime, anywhere. Gen Edward C. Meyer. illus Army 29:18-21 Oct '79

GAO: Weapons costs rise perils quality. AF Times 40:15 Dec 17 '79

Increased air-to-air specialization training: An alternative. Maj Donald J. Alberts and Capt Leroy Mock. illus AU Rev 30:2-14 Nov-Dec '78

The 5th Infantry Division (Mech). LtCol Charles L. Wascom. illus Infantry 69:14-19 May-Jun '79

The Infantry's armor. 2dLt Dale Wilson. illus Soldiers 34:11-12 Aug '79

The inoperability of interoperability? Thomas A. Callaghan, Jr. Armed Forces J Intl 116:36 Apr '79

Let's do away with the IG inspection. Maj R. Hicker-son. MarCor Gaz 63:44-45 Jul '79

The long-term defence programme: Crucial to credible deterrence. LtGen Joseph M. Heiser, Jr, Ret. illus Def Mgt J 15:2-7 Jul-Aug '79

MCCRES (Marine Corps Combat Readiness Evaluation System) from a battalion commander's perspective. LtCol R. B. Rothwell. illus tab MarCor Gaz 63:38-46 Jul '79

NATO forces under test--how ACE (TACEVAL program) evaluates combat readiness. Cols Thomas W. Steeves and Dietrich E. Handt. illus NATO's Fifteen Nations 24:46-47+ Aug-Sep '79

1985. (Military exercises help prepare U.S. forces for possibilities similar to those described in the current fiction book, "The Third World War," by John Hackett) Robert K. Ruhl. illus Airman 23:2-7 Nov '79

Our ability to "fight now" depends on people. LtGen Robert G. Yerks. illus Army 29:58-63 Oct '79

Prime BEEF at D-M (Davis-Monthan AFB, AZ). AF Times 40:7 Dec 24 '79

Prime BEEF (Base Engineering Emergency Force) and Prime RIBS (Readiness In Base Services). Maj Max W. Day and LtCol George T. Murphy. illus AF Engrg & Svcs Qtr 20:18-21+ Nov '79

Professional evaluation and combat readiness. Lewis Sorley. illus Mil Rev 59:41-53 Oct '79

"Quick-fix" delivers FIST (Fire Support Team) now. 2dLt Benjamin P. Dean. Fld Arty J 47:48-49 Jan-Feb '79

Readiness: A state of mind. TIG Brief 31:5 Aug 3 '79

Readiness Group Fort Bragg (NC). SP5 Lana Ott. illus Soldiers 34:45-50 Oct '79

'Readiness' is the watchword of today's Marine Reservists. Capt Terrence P. Murray. illus MarCor Gaz 63:37-42 Apr '79

Red Flag in perspective. Maj Gerald R. Volloy. illus USAF Ftr Wpns Rev, pp 2-5, Spring '79

Redoubt ... Phase III. SSgt John Bunker. illus Air Reservist 31:12-15 Aug-Sep '79

Reserves are ready, says Bodycombe. Ron Sanders. illus AF Times 39:6 Jun 25 '79

COMBAT READINESS - Continued

The Reserves: Full partners at last, but how ready? Maj Thomas B. Sharratt. illus tabs Army 29:40-44 Jun '79

Services coping with fuel pinch. AF Times 39:22 Jun 11 '79

Tactical air power in armored warfare--the divergence within NATO. Steven L. Canby. illus AU Rev 30:2-20 May-Jun '79

Tactical complacency: Change now or fail later. LCDR Miles A. Libbey III. illus US Nav Inst Proc 105:36-43 Apr '79

Total Army readiness--force packaging is the key. MSgt Matt Glasgow. Soldiers 34:10 Jun '79

U.S. Army, Europe, hones NATO's cutting edge. Gen Frederick J. Kroesen. illus Army 29:44-47 Oct '79

What makes up combat efficiency. Capt I. Ivanov. illus Soviet Mil Rev No. 7:3-5 Jul '79

When SAC fought back. Capt Katie Cutler. illus Airman 23:21-26 Dec '79

Study and Teaching

Blue Flag. Capt Thomas J. Norton. illus AU Rev 30: 58-68 Jan-Feb '79

COMBAT SUPPORT OF THE ARMY

Effects of women on group performance in a traditionally male occupation: The case of U.S. Army. E.M. Schreiber and John C. Woelfel. tabs J Pol & Mil Sociol 7:121-134 Spring '79

Implications of the peacetime combat-to-support ratio on the U.S. war-fighting capability. Maj William B. Hanke, Ret. illus Mil Rev 59:60-70 Jun '79

Rear area combat operations. Maj John B. Reisz. illus Mil Rev 59:61-71 Dec '79

Rear area threat. Sgt1C Luther A. Hall. illus Army Log 11:18-19 Mar-Apr '79

Rear support for the Soviet ground forces. C.N. Donnelly. illus tabs Intl Def Rev 12, No. 3:344-350 '79

Security of the corps rear area. LtCol Robert D. Frazier. illus tabs Mil Rev 59:2-10 Dec '79

COMBAT SURVEILLANCE see SurveillanceCOMBINED FORCES

This term applies to the forces among two or more allied countries. For information on forces of one country only see Joint Forces.

See also

North American Air Defense Command

Burnishing the 'Shield of Seoul.' LtGen M. Collier Ross and Maj Charles E. Beckwith. illus Army 29: 48-52 May '79

COMBINED OPERATIONS

This term applies to operations among two or more allied countries. For operations of one country only see Joint Operations.

See also specific exercises and/or operations by name

The 38th Air Defense Artillery Brigade. Capt Robert W. Taylor. illus Air Def Mag, pp 8-11, Oct-Dec '79

COMBINED OPERATIONS - Continued

Allied Forces Southern Europe: Testing NATO's southern defence. Maj Lew Lambert. illus NATO's Fifteen Nations 24:85-88 Feb-Mar '79

Army Guard training in Norway sharpens winter warfare skills. illus Natl Guard 33:14-16+ Jun '79

Colorado Corsairs over Turkey (in NATO Exercise Display Determination). MSgt Janet Wright. illus map Natl Guard 33:12-14+ Nov '79

Flying 'Maple Flag.' David Healy. illus Aerosp Safety 35:11-13 Nov '79

Interoperability of maintenance support. 1stLt Roger L. Carter. illus tab Army Log 11:14-17 May-Jun '79

Joint training--an investment in the future. 1stLt William F. Fellows. illus Air Def Mag, pp 25-27, Jul-Sep '79

Lessons of allied interoperability: A portent for the future? Benjamin Franklin Cooling and LtCol John A. Hixson. illus Mil Rev 59:38-47 Jun '79

The Military Airlift Command: Air reinforcement for NATO. Gen Robert E. Huyser. illus charts NATO's Fifteen Nations 24:29-31+ Aug-Sep '79

One voice in Europe. Gen George S. Blanchard. illus Army 29:22-26 Jan '79

Reforger 79. Translog 10: inside front cover Jan '79

SAREX '79. SSgt Mike Lorenz. illus Air Reservist 31:23 Aug-Sep '79

Team Spirit 1979. illus Natl Guard 33:28-29 Jun '79

Winter Reforger and Certain Sentinel--the machines and the people. Pictorial. NATO's Fifteen Nations 24:121-124 Apr-May '79

Wirkungsschiessen: Fire for effect. Capt Griffith T. Lewis. Fld Arty J 47:28-29 Jul-Aug '79

COMMANDSee also

Leadership

Chain of command: It links private to President. SgtMaj Bruce N. Bant. illus Soldiers 34:6-12 Oct '79

The command sergeant major. CSGM John W. Gillis. illus Armor 88:30-32 Mar-Apr '79

Commander's foresight in battle. Col B. Loginov. Soviet Mil Rev No. 2:38-39 Feb '79

DRS (Division Restructure Study), a battery commander's perspective. Capt Kenneth R. Knight. illus Fld Arty J 47:44-47 Jan-Feb '79

Health and high command: Stress, sleep and climate change. (Report of a seminar, RUSI, Nov 29, 1978) Brig Harry Pozner, Ret and others. RUSI J for Def Studies 124:18-28 Jun '79

The lines of Torres Vedras: A study in logistical management. 1stLt Robert Stacy. illus map Armor 88:30-33 Nov-Dec '79

Navigator role improving--more than ever fill command slots. M. L. Craver. AF Times 40:3 Sep 3 '79

'Once you assume command, command!' LtCol Jerry H. Hogan. illus Army 29:31-33 Jan '79

COMMAND - Continued

Surface ship command qualification: Who needs it? CDR Leon P. Brooks, Jr. illus US Nav Inst Proc 105:58-65 Jan '79

Vera Cruz, 1847: A lesson in command. Col John Fleming Polk, Ret. illus maps MarCor Gaz 63: 61-66 Sep '79

"Why not." LtCol Matthew R. Kambrod. USA Avn Dig 25:6-8 Nov '79

Methodology

Command method: A gap in military historiography. Roger A. Beaumont. illus Nav War Col Rev 31:61-74 Winter '79

COMMAND AND CONTROL SYSTEMSSee also

Combat Control Centers
Worldwide Military Command and Control System

AFCEA '79: Accent on C³I. illus Intl Def Rev 12, No.7:1189-1194 '79

AN/TSQ-73 Missile Minder. Sgt1C Charles D. Myers. illus Air Def Mag, pp 36-38, Apr-Jun '79

Another side to C³. Stephen J. Andriole. illus Def Mgt J 15:15-17 May-Jun '79

Army plays major role in NATO C³. Murry Shohat. illus Mil Elect/Countermeasures 5:28+ Jun '79

A battlefield automation-communications network. (Convention panel, AFCEA, Washington, June 20, 1979) BrigGen Walter E. Adams and others. illus tabs Signal 33:96-117 Aug '79

C² systems management. Gerald P. Dinneen. charts Signal 34:15-19 Sep '79

(C³, the communications industry, and SALT II) (Key-note luncheon address, AFCEA Convention, Washington, June 19, 1979) Sen John W. Warner. illus Signal 33:21-23 Aug '79

C³I for automated control of tomorrow's battlefield. MajGen Fred K. Mahaffey. illus Army 29:26-30 Mar '79

C³I: Managing essential element of the battle. Army 29:25 Mar '79

The challenge of C³. (Address, AFCEA Rome-Utica-Syracuse Chap, Dec 13, 1978) Lloyd K. Mosemann II. illus Signal 33:69-71+ May-Jun '79

Combat information: The key force multiplier. CDR Richard E. Pearsall and LtCol Richard C. Wheeler. illus Signal 34:45-47 Oct '79

Command and control and uncertainty. F. M. Snyder. Nav War Col Rev 32:109-113 Mar-Apr '79

Communications, command, and control: Changing the face of force management. Robert J. Hermann. illus Def Mgt J 14:4-8 Nov '78

Counter-C³ systems from Fairchild Camera. Gowri S. Sundaram. illus Intl Def Rev 12, No.3:427-431 '79

DCA's route to readiness. VADM Samuel L. Gravely, Jr. illus AF Mag 62:84-87 Jul '79

COMMAND AND CONTROL SYSTEMS - Continued

The decision process--focal point of command and control. Irving R. Mirman. illus NATO's Fifteen Nations 24:130+ Oct-Nov '79

Defense communications, command and control. (Remarks, International Wire and Cable Symposium, Cherry Hill, NJ, Nov 16, 1978) Gerald P. Dinneen. AF Plcy Ltr for Comdrs: Sup No.2:10-15 Feb '79

Domestic C³: An emergency response capability. LtCol Raymond J. Hufniagel, Jr and George O. Selz. Signal 34:54 Nov-Dec '79

Electronic warfare and Counter-C³: Big boost for "soft kills." Benjamin F. Schemmer. illus Armed Forces J Intl 116:34-35+ Apr '79

Electronic warfare integration & planning. Gen Alton D. Slay. illus Signal 33:16+ Mar '79

Future Navy C2: A Testbed glimpse. LCDR Andrew J. Dietzler and Col Kenneth L. Moll, Ret. illus US Nav Inst Proc 105:120-124 Oct '79

The growing, changing role of C³I. Edgar Ulsamer. illus AF Mag 62:36-40+ Jul '79

ISTA (Intelligence, Surveillance, and Target Acquisition) in the 80s--the Army concept. MajGen Fred K. Mahaffey. illus Signal 34:39-42 Oct '79

Implications of communications sophistication for NATO naval C². Wilson N. Felder and Paul Skarlatos. Signal 33:51-54 Apr '79

Interneting and ADP bolster strategic C³. Richard Hartman. illus Def Elect 11:54-56+ Sep '79

Is C³ America's Achilles heel? Benjamin F. Schemmer. illus Armed Forces J Intl 117:16+ Sep '79

Maintaining stable deterrence. McGeorge Bundy. Intl Sec 3:5-16 Winter '78-'79

The many faces of C³. Editorial. Julian S. Lake. Mil Elect/Countermeasures 5:40 Jun '79

Marine Corps C⁴ systems architecture. BrigGen William A. Scott, Jr. illus Signal 33:25-27 Jul '79

Military command and control (C²). Robert E. Conley. illus Signal 33:14-17 Jan '79

NATO commanders view C³. Gen Herman F. Zeiner and others. Signal 33:10-12 Apr '79

New DOD emphasis on electronic warfare and "counter C³" at budget crossroads. Benjamin F. Schemmer. illus tab Armed Forces J Intl 116:14-15+ Feb '79

TRI-TAC--an ambitious U.S. joint tactical communications program. Gowri S. Sundaram. illus tab Intl Def Rev 12, No.4:568-572 '79

Tactical C³ architecture 1985-1995. (Convention panel, AFCEA, Washington, June 19, 1979) Everett D. Greinke and others. illus Signal 33:63-81 Aug '79

Tactical pos/nav (positioning/navigation) for the 1990 air/land battlefield. (Convention panel, AFCEA, Washington, June 21, 1979) Kostas J. Liopoulos and others. illus tabs Signal 33:118-120 Aug '79

The trumpets of war. William F. Ryan, Jr. illus Fld Arty J 47:50-53 Jul-Aug '79

COMMAND AND CONTROL SYSTEMS - Continued

U.S. defense communications--links to everywhere.
R.J. Raggett. illus NATO's Fifteen Nations 24:
101-104+ Jun-Jul '79

The U.S. Navy's role in C³ in EW. VADM James D.
Watkins. Signal 33:41-42+ Mar '79

User roles in Air Force C³ systems. MajGen William
R. Yost. tabs Signal 33:18-19 Jul '79

The viability of centralized command and control
(C²). LtCol Phillip K. Heacock. illus AU Rev 30:
34-37 Jan-Feb '79

Weapon system series: AWACS--portrait of a sentry.
Yves Robins and Gen Siegfried Boy. illus (Also
cutaway) NATO's Fifteen Nations 24:89-90+ Jun-
Jul '79

Study and Teaching

Can we teach C³? Maj Mark H. Smith. Signal 33:101-
103 May-Jun '79

COMMAND AND GENERAL STAFF COLLEGE

Dedication of Abrams Loop at the U.S. Army Com-
mand and General Staff College. Gen Donn A. Star-
ry. illus Mil Rev 59:36-42 Sep '79

COMMAND POSTS

Complacency: A key to an unsuccessful command
post. TIG Brief 31:7 Sep 7 '79

The modern battlefield BOC (Battery Operations Cen-
ter). Capt Lonnie A. Veldhouse. illus tab Fld
Arty J 47:17-21 Nov-Dec '79

A tactical command post for use in the command and
control of forward aviation assets. Maj James J.
Rudy. illus USA Avn Dig 25:42-45 Mar '79

Welcome to the SAC command post. Capt James F.
Bryden. illus Combat Crew 29:12-13 Jul '79

COMMANDING OFFICERS

The commander as an educator. Col I. Babenko.
Soviet Mil Rev No. 9:34-35 Sep '79

Discipline and command. MajGen Walter D. Reed.
TIG Brief 31:1-2 Nov 16 '79

Games people play. (Reprinted from Flight Comment,
Sep-Oct 1973) illus Interceptor 21:5-8; Appendix:
6 years later. Wayne Griffith. 21:8 May '79

Integrate work of others. MajGen A.S. Newman. illus
Army 29:49-50 Feb '79

Is half a chance better? Maj Roger M. Miller. illus
Navigator 26:24-25 Summer '79

'Once you assume command, command!' LtCol Jerry
H. Hogan. illus Army 29:31-33 Jan '79

People programs: Getting the word out. Capts Susan
A. Christensen and John L. Leppert. illus AF
Engrg & Svcs Qtr 20:29-31 Feb '79

Ship's CO. RAdm G. Kostev. illus Soviet Mil Rev
No. 8:16-17 Aug '79

U-boats at war: A study in leadership. MajGen E.H.
Dar. Army Qtr 108:208-219 Apr '78

COMMANDING OFFICERS - ContinuedHistory

Command method: A gap in military historiography.
Roger A. Beaumont. illus Nav War Col Rev 31:61-
74 Winter '79

COMMANDOSSee also

Rangers

COMMANDSSee also

Unified Commands

also specific commands by name, e.g.,
Strategic Air Command

Directories

(Army commands) Army 29:109-111+ Oct '79

COMMENDATIONS see Awards, Decorations, etc

COMMERCE

New directions in the international defense trade.
Gregory R. Copley. illus tabs Def & For Aff
Dig 7, No. 2:6-8+ '79

The strategic dependence of the industrial world.
Phillip Crowson. illus tabs NATO's Fifteen Na-
tions 24:32-33+ Jun-Jul '79

The 'Tokyo Round' aircraft agreement: U.S. sponsors
overhaul of tariffs and trade practices. Chris Bul-
loch. illus Interavia 34:655-656 Jul '79

U.S. oil sea routes and minor naval powers. Milan
Vego. illus tabs map Def & For Aff Dig 7, No. 8:
12-15+ '79

Great Britain

Defence sales. Ronald Ellis. illus RUSI J for Def
Studies 124:3-9 Jun '79

Japan

Japan's world problems. Brig F.W. Speed. tabs
Army Qtr 108:404-408 Oct '78

Pacific Region

Think 'untraditional' ... look west to the future.
Lee Sellers. illus tabs Def Trans J 35:16-18+
Apr '79

Russia

Atlantic Council cites 'strategic challenge' posed by
Soviet Merchant Marine. L. Edgar Prina. illus
tab Sea Power 22:47-51 Oct '79

Soviet weapons exports: Russian roulette in the Third
World. tabs map Def Monitor 8: entire issue
Jan '79

Will the Soviet Union be an autarky in 1984? Marshall
L. Goldman. tab Intl Sec 3:18-36 Spring '79

Third World

Soviet weapons exports: Russian roulette in the Third
World. tabs map Def Monitor 8: entire issue
Jan '79

COMMERCE - ContinuedUnited States

- The continuing complexities of technology transfer. Maurice J. Mountain. Govt Exec 11:42+ Jan '79
- Facing market facts. (Interview with Frank A. Weil, Industry and Trade Administration) C.W. Borklund. illus Govt Exec 11:12-13 Aug '79
- Japanese-U.S. semiconductor trade: A U.S. view. illus Mil Elect/Countermeasures 5:17 Jan '79
- Technology transfer in a competitive environment. Charles S. Haughey. Def Sys Mgt Rev 2:27-34 Winter '79
- Think "untraditional" ... look west to the future. Lee Sellers. illus tabs Def Trans J 35:16-18+ Apr '79

Laws and Regulations

- Trade: A modern state's rights issue. illus Govt Exec 11:15-17 Aug '79

Western Hemisphere

- Time for a hemispheric common market? George Ott. illus Mil Rev 59:40-46 Jul '79

COMMERCE DEPT

- Facing market facts. (Interview with Frank A. Weil, Industry and Trade Administration) C.W. Borklund. illus Govt Exec 11:12-13 Aug '79

COMMISSARIESAir Force--U.S.

- All CONUS stores seen necessary. Ron Sanders. tab AF Times 39:7 May 28 '79
- Comstores--25% savings. Ron Sanders. tab AF Times 40:44 Sep 10 '79
- Contractors eyed for shelf-stocking. AF Times 39:10 Mar 5 '79
- McClellan (AFB, CA) comstore 'saves' 25 percent. tab AF Times 40:46-47 Nov 12 '79
- Norton (AFB, CA) comstore shows 20 percent food savings. tab AF Times 40:58 Oct 8 '79
- Sawyer (AFB, MI) store saves 26 percent. tab AF Times 40:7 Oct 29 '79
- Shop Chanute (AFB, IL)--and save. tab AF Times 40:32 Sep 24 '79
- 20 percent savings at Plattsburgh (AFB, NY). tab AF Times 40:51 Nov 5 '79
- 22 percent savings at Charleston (AFB, SC). tab AF Times 40:44 Oct 1 '79
- Warren (AFB, WY) store: 29 percent savings. tab AF Times 40:58 Oct 15 '79

Armed Forces--U.S.

- ALA's Logistician of the Year reflects on an era of change. William Moran. illus Review 58:22-24+ Nov-Dec '79
- Commissaries and exchanges discussed by military leaders (at American Logistics Assoc Convention, Atlanta, Oct 1978). illus Review 58:34+ Nov-Dec '78

COMMISSARIES - ContinuedArmed Forces--U.S. - Cont'd

- Commissaries, exchanges and national defense. Robert B. Pirie, Jr. illus Review 58:14-15 May-Jun '79
- Commissary consolidation: The process of consideration. Review 58:18-19 Jul-Aug '79
- Common comstore would up costs. Suzanne Viau. AF Times 40:3 Sep 17 '79
- Joint comstore agency asked. AF Times 39:31 Jun 4 '79
- Regional conference report: Information and solutions generated at the 1979 ALA Western and Eastern Seminars. illus Review 58:53-54+ May-Jun '79
- Stores, exchanges to tighten ID use. AF Times 39:8 Jul 9 '79

COMMISSIONS, MILITARY

- Recommending enlisted members for a commission. TIG Brief 31:13-14 Jun 15 '79
- Regular vs Reserve--pros, cons. AF Times 39:25 Jul 16 '79

COMMON MARKET see European Economic CommunityCOMMUNICATIONS (GENERAL)

- Base veterinary services communications: Clear and effective? TIG Brief 31:18-20 Oct 5 '79
- Communicating without technology. (American POW perseverance and ingenuity during the Vietnam War) VADM James Bond Stockdale, Ret. illus Signal 34:26-30+ Oct '79
- Effective communication: The essential element. TIG Brief 31:13-14 Feb 9 '79
- The General's on the line. (Various AF bases have special telephone numbers for recording comments, complaints, and questions which are answered by the base commander) Capt Dick Sheffield. illus Airman 23:14-17 Nov '79
- Information: Postholes and ladies and the 10 percent solution. TIG Brief 31:19 Apr 20 '79
- Interviewing women candidates. TIG Brief 31:9-10 May 18 '79
- It's not just the language. (U.S.-Soviet relations) Robert G. Kaiser. illus Natl Guard 33:28-29+ Feb '79
- Mactan mixup. Maj James G. Gibson II. illus MAC Flyer 26:6-7 May '79
- Managers must communicate. TIG Brief 31:21 Nov 2 '79
- The military performance report--a discussion of communicative strategy. BrigGen R. E. Chapman. illus AF Compt 13:24-25 Jul '79
- Nonverbal communication can speak louder than words. Clarence E. Ward. illus AF Compt 13:14-15 Jul '79
- People programs: Getting the word out. Cpts Susan A. Christensen and John L. Leppert. illus AF Engrg & Svcs Qtr 20:29-31 Feb '79
- Post job critique: Improving our self image. Eric Stephens. illus AF Engrg & Svcs Qtr 20:22-23 Aug '79

COMMUNICATIONS (GENERAL) - Continued

Primrose path. MAC Flyer 26:22-23 May '79

'Speak English?' Some recruits say, 'no.' AF Times 39:32-33 Mar 26 '79

Tower of babble. illus MAC Flyer 26:21-23 Jan '79

Study and Teaching

AS100 and the group project. Capt Richard A. Ranker. illus tab Educ J 21:16-19 '78/'79

Bringing innovation to AFROTC oral communications training. LtCol Donald E. Sheehan. illus tab Educ J 21:22-25 '78/'79

The minority cadet: A particular communication skills challenge. Gregory Lanta Baker. illus Educ J 21:26-29 '78/'79

Readin' and writin' in AS100. Capt Joseph L. Parker. illus Educ J 21:19-21 '78/'79

COMMUNICATIONS, MILITARYSee also

Liaison

Radio Communications

Airborne comint improvements pushed: Guardrail improvements and deficiencies spur new initiatives. illus tab Def Elect 11:61-62 Jun '79

Better DOD comm system needed, Congress told. AF Times 39:27 Apr 16 '79

(C³, the communications industry, and SALT II) (Key-note luncheon address, AFCEA Convention, Washington, June 19, 1979) Sen John W. Warner. illus Signal 33:21-23 Aug '79

C³I for automated control of tomorrow's battlefield. MajGen Fred K. Mahaffey. illus Army 29:26-30 Mar '79

C³I: Managing essential element of the battle. Army 29:25 Mar '79

The challenge of C³. (Address, AFCEA Rome-Utica-Syracuse Chap, Dec 13, 1978) Lloyd K. Mosemann II. illus Signal 33:69-71+ May-Jun '79

Communicating in desert environments. Maj Luis F. Hernandez, Ret. illus Fld Arty J 47:44-47 May-Jun '79

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

Defense communications, command and control. (Remarks, International Wire and Cable Symposium, Cherry Hill, NJ, Nov 16, 1978) Gerald P. Dinneen. AF Plcy Ltr for Comdrs: Sup No. 2:10-15 Feb '79

ISTA (Intelligence, Surveillance, and Target Acquisition) in the 80s--the Army concept. MajGen Fred K. Mahaffey. illus Signal 34:39-42 Oct '79

Implications of communications sophistication for NATO naval C². Wilson N. Felder and Paul Skarlatos. Signal 33:51-54 Apr '79

Is C³ America's Achilles heel? Benjamin F. Schemmer. illus Armed Forces J Intl 117:16+ Sep '79

'Mob' on the move. (1st Combat Communications Sq is a mobile unit in Europe) SMSgt Dave Sheeder. illus Airman 23:28-32 Nov '79

COMMUNICATIONS, MILITARY - Continued

New directions in 1980s mil-communications. Jim Martin. illus Elect Warfare/Def Elect 11:78-79+ Apr '79

Tactical C³ architecture 1985-1995. (Convention panel, AFCEA, Washington, June 19, 1979) Everett D. Greinke and others. illus Signal 33:63-81 Aug '79

The trumpets of war. William F. Ryan, Jr. illus Fld Arty J 47:50-53 Jul-Aug '79

U.S. and Australian Navies communications interoperability--an indispensable requirement for the Australian Navy. Commodore John A. Robertson, Ret. illus Signal 33:61-63+ May-Jun '79

User roles in Air Force C³ systems. MajGen William R. Yost. tabs Signal 33:18-19 Jul '79

History

Air Force communications. (Remarks, Armed Forces Communications-Electronics Assoc (Gulf Coast Chap), Biloxi, MS, Oct 17, 1978) MajGen Robert T. Herres. AF Plcy Ltr for Comdrs: Sup No. 12:29-34 Dec '78

Security

Communications security. TIG Brief 31:7-8 Mar 9 '79

Computer security--the Achilles' heel of the electronic Air Force? LtCol Roger R. Schell. illus tab AU Rev 30:16-33 Jan-Feb '79

Digitized, synthesized secure voice on its way to battlefield. D.P. Fulghum. illus Def Elect 11:65-66+ Jun '79

Facsimile system used for secure transmission of documents. Signal 34:92 Oct '79

Modern processor-controlled security systems. Glenn Daly. illus Signal 34:41-43 Sep '79

The NSA perspective on telecommunications protection in the nongovernmental sector. VADM B.R. Inman. illus Signal 33:6-9+ Mar '79

Shipboard voice communications being upgraded with integrated system. illus Def Elect 11:46-48+ Jul '79

TRI-TAC--an ambitious U.S. joint tactical communications program. Gowri S. Sundaram. illus tab Intl Def Rev 12, No. 4:568-572 '79

Trends in protected communications. (Convention panel, AFCEA, Washington, June 20, 1979) George L. Salton and others. illus Signal 33:85-95 Aug '79

Study and Teaching

Can we teach C³? Maj Mark H. Smith. Signal 33:101-103 May-Jun '79

COMMUNICATIONS EQUIPMENTSee also

Radar Equipment

Exhibitions

AFCEA '79: Accent on C³I. illus Intl Def Rev 12, No. 7:1189-1194 '79

MECOM '79: The Middle East Electronic Communications Show (Bahrain, April 1979). Esmond Ward. illus Interavia 34:705-706 Jul '79

COMMUNICATIONS EQUIPMENT- ContinuedReliability

ELF (Extremely Low Frequency) in warfare. CAPT William J. Ruhe, Ret. Signal 33:19-20+ Jan '79

Survivability

Trends in protected communications. (Convention panel, AFCEA, Washington, June 20, 1979) George L. Salton and others. illus Signal 33:85-95 Aug '79

COMMUNICATIONS SYSTEMSSee also

Radio Communications
Space Communications

Exhibitions

New satellite projects at Telecom '79. illus Interavia 34:1094-1096 Nov '79

NATO

The transition in NATO telecommunications. LtGen Thomas M. Rienzi, Ret and LT David W. Coleman. illus tab Signal 34:31-35 Sep '79

United States

(Alaska Meteor Burst Communications System: AMBCS and the SNOw TELelemetry--SNOTEL) Signal 33:154 Jan '79

Coming phone change: By GSA. C.W. Borklund. illus Govt Exec 11:37-38+ Sep '79

Domestic C³: An emergency response capability. LtCol Raymond J. Hufnagel, Jr and George O. Selz. Signal 34:54 Nov-Dec '79

Interconnecting government and the people: North Carolina looks at its telecommunications systems and services. James B. Hunt, Jr. illus Signal 33: 7-11 Jul '79

Voice computer system charges credit calls. Theodore D. Puckorius. illus Signal 33:27-30 Jan '79

History

Riders of the Pony Express. Philip R. Smith, Jr. illus Soldiers 34:44-45 Jul '79

Testing

Air Force testing emergency communications system. illus Signal 34:81 Nov-Dec '79

COMMUNICATIONS SYSTEMS, MILITARYSee also

Automatic Digital Network
Command and Control Systems
Defense Communications System
Sage
Space Communications
Tactical Communications
Warning Systems

Four roads to integrated tactical communication. R. J. Raggett. illus NATO's Fifteen Nations 24:75-76+ Feb-Mar '79

Europe, Western

(Digital European Backbone--DEB project) Signal 33:154 Jan '79

COMMUNICATIONS SYSTEMS, MILITARY - ContinuedNATO

The evolution of NICS (NATO Integrated Communications System). John Anderson. illus Signal 33: 14-19 Apr '79

NATO commanders view C³. Gen Herman F. Zeiner and others. Signal 33:10-12 Apr '79

United States

Better DOD comm system needed, Congress told. AF Times 39:27 Apr 16 '79

C³I. Alex Dumbrigue. illus Air Def Mag, pp 21-26, Jan-Mar '79

C³I communications vital in integration of the force-multipliers. MajGen William J. Hilsman. illus Army 29:36-38 Mar '79

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

Counter-C³ systems from Fairchild Camera. Gowri S. Sundaram. illus Intl Def Rev 12, No.3:427-431 '79

DOD protected communications program growing. illus Def Elect 11:77-80 Aug '79

Fluidic voice communications systems. Maj George M. Alexander and Tadeusz M. Drzewiecki. illus Signal 33:47-50 Jan '79

Internetting and ADP bolster strategic C³. Richard Hartman. illus Def Elect 11:54-56+ Sep '79

Pentagon building Consolidated Telecommunications Center. illus Def Elect 11:29+ Dec '79

SDMS and Udicon--two shipboard data communications systems. Gowri S. Sundaram. illus Intl Def Rev 12, No.3:377-379 '79

Seafarer, the force multiplier. Jacqueline Srouji. Def & For Aff Dig 7, No.3:10-11+ '79

Shipboard voice communications being upgraded with integrated system. illus Def Elect 11:46-48+ Jul '79

Target: The spoken word. LtCol Don E. Gordon. illus Army 29:20-24 Sep '79

U.S. defense communications--links to everywhere. R. J. Raggett. illus NATO's Fifteen Nations 24: 101-104+ Jun-Jul '79

The U.S. Navy's role in C³ in EW. VADM James D. Watkins. Signal 33:41-42+ Mar '79

The viability of centralized command and control (C²). LtCol Phillip K. Heacock. illus AU Rev 30: 34-37 Jan-Feb '79

COMMUNISM

Defence of socialist achievements, an internationalist task. LtCol V. Gorbunov. illus Soviet Mil Rev No.4:7-9 Apr '79

Lenin's theory of socialist revolution. Soviet Mil Rev No.10:2-4 Oct '79

The planned destruction of the West. Patrick Wall. illus Sea Power 22:17-22 Nov '79

COMMUNISM - ContinuedAsia, Southeastern

Communist vs Communist in Southeast Asia. Douglas Pike. Intl Sec 4:20-38 Summer '79

China (People's Republic)

China today. Brig F.W.Speed. Army Qtr pt 1, 107: 443-448 Oct '77; pt 2, 108:79-87 Jan '78; pt 3, 108:188-196 Apr '78

Europe, Western

Eurocommunism and the future of the Atlantic Alliance. (Sir Robert Brooke-Popham Prize Essay) SqLdr B.E.Nunn. illus Hawk No. 39:19-26 Winter '78-'79

Eurocommunism: Between East and West. Kevin Devlin. Intl Sec 3:81-107 Spring '79

Socialist-Communist convergence in Western Europe. Hans-Joachim Veen. illus Strat Rev 7:63-74 Spring '79

France

Eurocommunism: Between East and West. Kevin Devlin. Intl Sec 3:81-107 Spring '79

Italy

Eurocommunism: Between East and West. Kevin Devlin. Intl Sec 3:81-107 Spring '79

Portugal

The Portuguese Revolution. LCDR James John Tritten. illus Mil Rev 59:57-67 Aug '79

Russia

Efflorescence and coalescence of nations. Col V.Zhukov. illus Soviet Mil Rev No.8:10-12 Aug '79

Party development in the Armed Forces of the USSR. ColGen M.Sobolev. illus Soviet Mil Rev No.5:2-5 May '79

The party organisation and emulation. Col R.Bit-yanov. Soviet Mil Rev No.3:46-47 Mar '79

Socialist humanism. Col B.Safronov. Soviet Mil Rev No.11:9-11 Nov '79

Spain

Eurocommunism: Between East and West. Kevin Devlin. Intl Sec 3:81-107 Spring '79

Warsaw Pact

The collective treatment of defence in the Warsaw Pact states. F.Rubin. RUSI J for Def Studies 123: 43-49 Dec '78

COMMUNITY COLLEGE OF THE AIR FORCE

CCAF tells NCOs to update records. AF Times 40:25 Sep 3 '79

Fraudulent documents: Don't try! TIG Brief 31:4 Sep 21 '79

COMMUNITY RELATIONS

Here is entered material on the relations between a base and its neighboring community.

Getting to know you. (A special airman program links George AFB with the community) Capt Dick Sheffield. illus Airman 23:9-12 May '79

COMMUNITY RELATIONS - Continued

Good neighbors in green. Harold Bailey. illus Soldiers 34:11-12 May '79

Good PR is priceless. CW2 David M.Battle. illus USA Avn Dig 25:34-35 Apr '79

Military aid to civil communities. (Seminar held at the RUSI, June 26, 1978) Alec G.Dickson and others. RUSI J for Def Studies 124:3-12 Mar '79

Opposed landings--Vieques: The Navy comes under 'constant bombardment.' James D.Hessman. illus Sea Power 22:12-16 Mar '79

Public affairs responsibilities/lessons learned. TIG Brief 31:20 Apr 20 '79

USAF participation in community relations events. TIG Brief 31:20 Aug 17 '79

A whale of a fish story. (Cooperation between Elmendorf AFB and Alaska officials in the construction of a major fish hatchery on the base) Maj Charles D.Mosbrugger. illus AF Engrg & Svcs Qtr 20:27-28 Feb '79

COMPETITION

Reservists place in (1979) CIOR (Interallied Confederation of Reserve Officers) competition. illus AF Times 40:34 Oct 22 '79

Should the U.S. settle for second place? C.W.Borklund. illus Govt Exec 11:30+ Nov '79

Socialist competition: The "X" factor of Soviet military training. Maj David T.Twining. illus Mil Rev 59:35-39 Jul '79

Three-ring showcase. (MAC units compete in tactical rodeo at Pope AFB, NC) SSgt Jim Katzaman. illus Airman 23:32-34 Oct '79

COMPTROLLER GENERAL OF THE UNITED STATES
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Accounting for Air Force nonappropriated funds--does the comptroller really have a role? LtCol Charles L.Martin, Jr. illus Armed Forces Compt 24:8-11 Feb '79

Air Force Academy. Col Andrew E.Migala. tabs AF Compt 13:4-7 Apr '79

The Air Force Reserve Comptroller--an organization on the move. Maj Frank T.Whiting, Jr. illus chart AF Compt 13:24-26 Jan '79

Comptroller activities at major commands: Air Training Command. Col Robert B.Black. illus AF Compt 13:4-7 Oct '79

Comptroller activities at major commands: Hq Air Force Logistics Command. Col David M.Hall. illus AF Compt 13:4-9 Jan '79

Comptroller activities at major commands: USAF Security Service. Col Duane E.Oyler. illus AF Compt 13:6-9 Jul '79

The comptroller: Manager or servant? LCDR W.R. Goodhartt. illus Armed Forces Compt 24:7-9 May '79

Comptroller Plans Group. Col Philip F.Norton. illus AF Compt 13:26 Oct '79

COMPTROLLERS - Continued

Innovative financial management. Gertrude G. Myers.
illus Armed Forces Compt 24:26-29 Feb '79

Military currency control. LtCol Joseph F. Adams.
illus tabs Armed Forces Compt 24:25-31 May '79

Municipal finance--picking up where you left off in
military comptrollership. Dallas R. Blevins. illus
Armed Forces Compt 24:12-14 Feb '79

Notes from the Comptroller Plans Group. Col R.A.
Gazzola. illus AF Compt 13:23 Jan '79

Notes from the Comptroller Plans Group. Col R.A.
Gazzola. illus AF Compt 13:22 Apr '79

Notes from the Comptroller Plans Group. Col Philip
F. Norton. illus AF Compt 13:37 Jul '79

Notes from the Palace Dollar team. Capt Charles
Carpenter. illus tab AF Compt 13:28 Jan '79

Notes from the Palace Dollar team. Capt Charles L.
Carpenter. illus AF Compt 13:29 Apr '79

Notes from the Palace Dollar team. Maj Ben Lester,
Jr. illus tabs AF Compt 13:43 Jul '79

The Palace Dollar team. Maj Gary G. Payne. illus
AF Compt 13:29 Oct '79

USAF major command comptrollers. illus AF Compt
13:47 Oct '79

Directories

(Comptroller organization chart--U.S. Air Force-
wide) illus chart AF Compt 13:24-25 Oct '79

Key comptroller people by (Air Force) bases & major
commands. Table only. AF Compt 13:34-39 Oct '79

Education and Training

Comptroller Plans Group. Col Philip F. Norton. illus
AF Compt 13:26 Oct '79

Notes from the Commander of 3780th Tech Training
Group, USAF Technical Training Schools. Col
J.A. Humphries, Jr. illus AF Compt 13:27 Jan '79

Notes from the Commander of 3780th Tech Training
Group, USAF Technical Training Schools. Col
J.A. Humphries, Jr. illus AF Compt 13:28 Apr '79

Notes from the Commander of 3780th Tech Training
Group, USAF Technical Training Schools. Col
J.A. Humphries, Jr. illus AF Compt 13:42 Jul '79

Notes from the Comptroller Plans Group. Col R.A.
Gazzola. illus AF Compt 13:23 Jan '79

Notes from the Comptroller Plans Group. Col R.A.
Gazzola. illus AF Compt 13:22 Apr '79

Notes from the Comptroller Plans Group. Col Philip
F. Norton. illus AF Compt 13:37 Jul '79

Notes from the Professional Military Comptroller
School (Air University, Maxwell AFB, AL): Comp-
trollership in the acquisition & support activities.
LtCol Billy M. Harrison. illus AF Compt 13:30-31
Jan '79

Notes from the Professional Military Comptroller
School (Air University, Maxwell AFB, AL): Comp-
trollership in the operating activities. Maj James
L. Laird. illus AF Compt 13:32-33 Apr '79

COMPTROLLERS - ContinuedEducation and Training - Cont'd

Notes from the Professional Military Comptroller
School (Air University, Maxwell AFB, AL): The
PMCS student selection process. Col Schuyler P.
Berry. illus AF Compt 13:40-41 Jul '79

Professional Military Comptroller School (Air Univer-
sity, Maxwell AFB, AL). illus AF Compt 13:40-41
Oct '79

3780 Technical Training Group. Col Edward D. Young.
illus AF Compt 13:28 Oct '79

COMPUTER PROGRAMMING

Approaches to support data challenges. H. J. Cor-
reale. illus Log Spectrum 13:21-24 Summer '79

Configuration management and software development
techniques. Zygmunt Jelinski. illus Def Sys Mgt
Rev 2:74-87 Summer '79

Meeting the evolving micro requirement. Jerry L.
Raveling. Def Sys Mgt Rev 2:88-96 Summer '79

COMPUTERS

Laying the groundwork for retooling the software fac-
tory. Ronald D. Daniel. illus Def Mgt J 14:39-42
Nov '78

There's a computer in your future. SSgt Jim Boer-
sema. illus Soldiers 34:6-10 Sep '79

Aeronautical Applications

A cosmic computer for the Phantom. Capt Raymond
L. Henley. illus Navigator 26:10-11 Winter '79

Astronautical Applications
See Computers--Space Flight ApplicationsBusiness Applications

Bar code scanning. Maj Clifford H. Bernath. illus
Soldiers 34:41-42 Oct '79

Minicomputers at the retail level. LtCol Wendell O.
Jones. illus Army Log 11:17-19 Jul-Aug '79

Voice computer system charges credit calls. Theo-
dore D. Puckorius. illus Signal 33:27-30 Jan '79

Communication Applications

Army plays major role in NATO C³. Murry Shohat.
illus Mil Elect/Countermeasures 5:28+ Jun '79

A battlefield automation-communications network.
(Convention panel, AFCEA, Washington, June 20,
1979) BrigGen Walter E. Adams and others. illus
tabs Signal 33:96-117 Aug '79

Coming phone change: By GSA. C. W. Borklund. illus
Govt Exec 11:37-38+ Sep '79

Communications challenges for the 80s. Robert R.
Fossum and Vinton G. Cerf. illus map Signal 34:
17-20+ Oct '79

Interneting and ADP bolster strategic C³. Richard
Hartman. illus Def Elect 11:54-56+ Sep '79

Marine Corps C⁴ systems architecture. BrigGen Wil-
liam A. Scott, Jr. illus Signal 33:25-27 Jul '79

Part-time manning at DSCS earth stations. Maj James
A. Mazzei. illus Signal 33:38-41 Jan '79

COMPUTERS - ContinuedCommunication Applications - Cont'd

TRI-TAC--an ambitious U.S. joint tactical communications program. Gowri S. Sundaram. illus tab Intl Def Rev 12, No.4:568-572 '79

Tactical pos/nav (positioning/navigation) for the 1990 air/land battlefield. (Convention panel, AFCEA, Washington, June 21, 1979) Kostas J. Liopiros and others. illus tabs Signal 33:118-120 Aug '79

U.S.P.S.: "Waves" of the future. William F. Bolger. illus Signal 33:9-12 Jan '79

Watch out! Here comes another camel! Col R.A. Foyle, Ret. illus Signal 33:77-80 May-Jun '79

Employment Applications

DOL, HEW and WIN: Closing in with computers. Govt Exec 11:49-50 Oct '79

Energy Conservation Applications

Energy monitoring and control systems. Capt John M. Borky. illus Mil Engr 71:176-177 May-Jun '79

Engineering Applications

Rockwell reveals its approach to DOD VHSIC program. illus Def Elect 11:73-74+ Dec '79

Errors

Putting computer software to the test. J. Gary Nelson. illus tabs Def Mgt J 15:38-41 Mar-Apr '79

Government Applications

The Archives: Government's troubled information manager. John F. Judge. Govt Exec 11:13+ Sep '79

DOL, HEW and WIN: Closing in with computers. Govt Exec 11:49-50 Oct '79

New payroll system tested for civilians. AF Times 40:3 Sep 10 '79

(The Postal Service and electronic communications) (Industrial luncheon address, AFCEA, Washington, June 21, 1979) William F. Bolger. illus Signal 33:47-50 Aug '79

Upgrading Federal computers through existing systems. Roger Cooper. Govt Exec 11:42+ Aug '79

Industrial Applications

Configuration management in the 1990s and beyond. Alan E. Lager. Def Sys Mgt Rev 2:30-37 Summer '79

Legal Applications

Computer-assisted legal research. TIG Brief 31:12 Jun 1 '79

JURIS: Automating legal research. tab Govt Exec 11:42+ Nov '79

Medical Applications

DOD looking to computers to catch CHAMPUS cheaters. AF Times 39:7 Feb 12 '79

Military Applications

AN/TSQ-73 Missile Minder. Sgt1C Charles D. Myers. illus Air Def Mag, pp 36-38, Apr-Jun '79

The Air Force Data Systems Design Center--we do it all for you! Maj James P. Woody. illus AF Compt 13:26-27 Jul '79

COMPUTERS - ContinuedMilitary Applications - Cont'd

Another side to C³. Stephen J. Andriole. illus Def Mgt J 15:15-17 May-Jun '79

The battery computer system. Richard F. Brown. illus Fld Arty J 47:42-46 Mar-Apr '79

Battlefield visualization graphics: An overview. Maj Larry Pigue. illus Mil Rev 59:59-67 Sep '79

Computer-assisted legal research. TIG Brief 31:12 Jun 1 '79

Computer flight plans and fuel management. Capt John D. McDermott. illus Navigator 26:28-31 Summer '79

Computer security--the Achilles' heel of the electronic Air Force? LtCol Roger R. Schell. illus tab AU Rev 30:16-33 Jan-Feb '79

Computerized crisis forecasting. Stephen J. Andriole and Judith Ayres Daly. illus tabs AF Mag 62:88-92 Jul '79

Computerized JMEM (Joint Munitions Effectiveness Manual). Capt Ed Atkins. illus tabs USAF Ftr Wpns Rev, pp 16-17+, Summer '79

Computers add new effectiveness to SOSUS (Sound Surveillance System)/Caesar. Jim Bussert. illus Def Elect 11:59-60+ Oct '79

The computers are coming. Col Fletcher K. Ware. illus Infantry 69:31-34 May-Jun '79

The critical need for an improved acquisition data base. Sherman W. Blandin and Albert V. Bruno. illus Def Mgt J 15:34-37 Mar-Apr '79

DPI (Data Processing Installation) management--an AFLC prototype. Capt Edward A. Cecconi. illus AF Compt 13:10-12 Jul '79

The David field artillery computer. illus Intl Def Rev 12, No.5:836 '79

The Defense Mapping Agency and the digital domain. LtGen Abner B. Martin. illus Mil Engr 71:22-25 Jan-Feb '79

Directorate of Computer Resources. BrigGen Robert E. Chapman. illus AF Compt 13:22 Oct '79

Folling the fakers. (NORAD's Canadian computers) Capt Dick Sheffield. illus Airman 23:9-11 Feb '79

Future Navy C2: A Testbed glimpse. LCDR Andrew J. Dietzler and Col Kenneth L. Moll, Ret. illus US Nav Inst Proc 105:120-124 Oct '79

GAO wants computer project reevaluated. AF Times 40:2 Nov 26 '79

The hand-held calculator: A status report. Capt John M. Chaney and others. illus tabs Fld Arty J 47:30-32 Mar-Apr '79

High threat target acquisition. Capt Duane W. Clawson. illus USAF Ftr Wpns Rev, pp 6-8, Spring '79

Interneting and ADP bolster strategic C³. Richard Hartman. illus Def Elect 11:54-56+ Sep '79

Lance and the hand-held calculator. Sgt1C Shelton Alsop. illus Fld Arty J 47:48-49 May-Jun '79

Life cycle costing with a programmable calculator. Maj John F. West III. tabs Log Spectrum 13:56-59 Spring '79

COMPUTERS - ContinuedMilitary Applications - Cont'd

MCF: The Military Computer Family. Mil Elect/Countermeasures. pt 1, A documentary. Edith W. Martin. 5:71+ Mar '79; pt 2, The approach. Edith W. Martin. 5:24+ Apr '79; pt 3, The issues. Edith W. Martin. 5:70+ May '79; pt 4, The opportunities. Murray Shohat and others. 5:50+ Jun '79; pt 5, Software for embedded computers. Edward Lieblein and Edith W. Martin. 5:48+ Jul '79; pt 6, Box vs module standardization. Harold C. Brooks and others. 5:102+ Aug '79; 5:34+ Sep '79; pt 7, Military computer standardization in perspective. Edith W. Martin and Edward Lieblein. 5:63-65 Nov '79

Management decisions. William E. Albertson. illus tab AF Compt 13:44-46 Jan '79

Megabit-level magnetic bubble memory impacts military computer systems. Bernard C. Cole. illus tabs Def Elect 11:69-70+ Sep '79

Memory loader/verifier supports military computers. Vanessa Schnatmeier. illus Mil Elect/Countermeasures 5:44+ Jul '79

The MilIPAC portable artillery computer system. illus Intl Def Rev 12, No. 5:835 '79

Minicomputers at the retail level. LtCol Wendell O. Jones. illus Army Log 11:17-19 Jul-Aug '79

NEETS: The Naval Electronic Environment Training System. illus Mil Elect/Countermeasures 5:54-56 Oct '79

Naval computers: Getting back on course. Def & For Aff Dig 7, No. 3:33+ '79

Notes from the Director of Computer Resources. BrigGen R.E. Chapman. illus AF Compt 13:22 Jan '79

Notes from the Director of Computer Resources. BrigGen Robert E. Chapman. illus AF Compt 13:35 Jul '79

Pacer Comet zips jet engine tests. illus AF Times 39:16 Jan 22 '79

Putting computer software to the test. J. Gary Nelson. illus tabs Def Mgt J 15:38-41 Mar-Apr '79

Reimbursements--computerize and simplify. LtCol Edward J.C. Orbock, Jr. illus AF Compt 13:16-19 Jul '79

SFCS 600--a cost-effective fire-control system for tanks. R.M. Ogorkiewicz. illus tabs Intl Def Rev 12, No. 8:1421-1423 '79

SRAM programming. Capt George J. Ferren. illus Navigator 26:16-18 Winter '79

Some implications of the increasing use of sophisticated technology. Maj James L. Eyre. MarCor Gaz 63:52-54 Mar '79

TACFIRE. K. Patrick Cathcart. illus Infantry 69:19-21 Sep-Oct '79

TACFIRE--a quantum leap in FA data processing. Edward D. Ray. illus tab Fld Arty J 47:54-57 May-Jun '79

TACFIRE does it all. K. Patrick Cathcart. illus Soldiers 34:44-45 Apr '79

TACFIRE, where do we go from here? Maj John E. Martin. illus Fld Arty J 47:8-13 Jan-Feb '79

COMPUTERS - ContinuedMilitary Applications - Cont'd

TEREC--the USAF's Tactical Electronic REConnaissance system. Gowri S. Sundaram. illus Intl Def Rev 12, No. 1:118-120 '79

Tactical C3 architecture 1985-1995. (Convention panel, AFCEA, Washington, June 19, 1979) Everett D. Greinke and others. illus Signal 33:63-81 Aug '79

There's a computer in your future. SSgt Jim Boersma. illus Soldiers 34:6-10 Sep '79

"This is Tango Two-Four! ... Where in hell am I?" illus Air Def Mag, pp 22-26, Apr-Jun '79

(U.S. and NATO commanders getting more usable intelligence information) Signal 33:76 Apr '79

VERT (VENTure analysis and Review Technique): A risk analysis tool for program management. Maj Greg A. Mann. illus Def Mgt J 15:32-36 May-Jun '79

WRCS (Weapons Release Computer System) express. Capt Mike Livengood. illus USAF Ftr Wpns Rev, pp 22-25, Summer '79

Navigational Applications

A cosmic computer for the Phantom. Capt Raymond L. Henley. illus Navigator 26:10-11 Winter '79

The nav calculator? Capt Bruce J. Savaglio. illus Navigator 26:26-27 Summer '79

Personnel Applications

The challenge in enlisted personnel management. CDR John J. Pursel. illus US Nav Inst Proc 105:65-69 Sep '79

Civilian hike data computerized. AF Times 39:11 Jan 1 '79

Hill told draft can't meet demand. AF Times 39:3 Mar 5 '79

Retiring by computer process. CW3 K.L. Mitchell. MarCor Gaz 63:17-18 Jun '79

Scientific Applications

Tel-weather for NOAA weather radar system. Signal 34:88 Nov-Dec '79

Security Measures

Modern processor-controlled security systems. Glenn Daly. illus Signal 34:41-43 Sep '79

Simulation Programs

Manning USAF aircraft maintenance using a simulation model. LtCol Gerald G. Thompson, Ret and Capt Richard E. Ducharme, Ret. illus tab Log Spectrum 13:11-18 Summer '79

Space Flight Applications

Space shuttle redundant computer operation. R.E. Poupard. illus Signal 33:41-44 Feb '79

Transportation Applications

The ACCESS (Air Canada Cargo Enquiry and Service System) and Raycargo systems: Computer developments in the air cargo industry. Peter Tallon. illus Interavia 34:693-695 Jul '79

COMPUTERS - ContinuedTransportation Applications - Cont'd

Air cargo's increasing dependence on information technology. Nicholas Lanyon. *illus Interavia* 34: 849-853 Sep '79

Single-stop air travel centers sought. Len Famiglietti. *AF Times* 40:6 Oct 22 '79

What makes METRO run? Joseph P. Greenway. *map illus Signal* 33:32-36 Jul '79

CONCEPT FORMULATION

Military experience and foreign policy belief systems. Samuel A. Kirkpatrick and James L. Regens. *tabs J Pol & Mil Sociol* 6:29-47 Spring '78

CONDUCT, MILITARY

See also
Americans in Foreign Countries
Standards of Conduct

The good officer. Gen Maxwell D. Taylor, Ret. (Abridged from *Army*, May 1978) *US Nav Inst Proc* 105:80-81 Jun '79

CONFERENCES, ASTRONAUTICAL

See also
International Astronautical Federation

CONFERENCES, COMMUNICATION

AFCEA '79: Accent on C³I. *illus Intl Def Rev* 12, No. 7:1189-1194 '79

(AFCEA's 33d Annual Convention Program, Washington, June 19-21, 1979) *illus Signal* 33:20-21+ May-Jun '79

(AFCEA's 33d Convention Report, Washington, June 19-21, 1979) *illus Signal* 33: entire issue Aug '79

CONFERENCES, MEDICAL

Minutes of 1979 Business Meeting (Aerospace Medical Assoc, May 14, 1979). *Aviation, Space & Envmt Med* 50:1082-1085 Oct '79

CONFERENCES, MILITARY

AFA addresses personnel problems (at Annual Convention, Washington, Sep 17-19, 1979). Len Famiglietti. *AF Times* 40:4 Oct 1 '79

AFA's 33d National Convention (Washington, Sep 16-20, 1979): A searching review of USAF's requirements. Edgar Ulsamer. *illus AF Mag* 62: 38-42 Nov '79

(Annual Armor Conference, U.S. Armor Assoc, Fort Knox, KY, 1979) *illus Armor* 88:24-54 Jul-Aug '79

Conducting and participating in Air Force conferences. *TIG Brief* 31:21 Sep 21 '79

Explosive Ordnance Disposal (EOD) conference. *TIG Brief* 31:8 Jan 12 '79

(NGAUS) 100th General Conference (St Louis, Oct 2-4, 1978) *illus tabs Natl Guard* 32: entire issue Dec '78

Navy League 77th Convention, Dallas, TX, 16-21 April. *illus Sea Power* 22:22-34 Jun '79

'79 Convention highlights (AFA). (33d, Washington, Sep 16-19) *illus Air Reservist* 32:8-9 Nov '79

CONFERENCES, MILITARY - Continued

'79 Convention highlights (NGAUS). (101st, Cleveland, Oct 8-10) Marilyn H. Hargreaves. *illus Air Reservist* 32:6-7 Nov '79

Panels, seminars, displays highlight '79 (AUSA) Annual Meeting (Washington, Oct 15-17, 1979). Eric C. Ludvigsen. *illus Army* 29:44-59 Nov '79

(ROA National Convention, Anaheim, CA, June 13-16, 1979) *illus Officer* 55: entire issue Aug '79

Report from within. (AFA's Junior Officer, Senior Enlisted, and Enlisted Advisory Councils at the 1979 AFA Convention) Maj Gene E. Townsend. *illus AF Mag* 62:78-80 Nov '79

(61st Annual Meeting, American Defense Preparedness Assoc, Arlington, VA, May 17, 1979) *illus Natl Def* 64:60-69 Jul-Aug '79

Topic #1 is: How to reach wartime manning requirements. (Report on Air Guard Senior Air Commanders' Conference, Nashville, March 1979) LtCol Bill E. Burk. *illus Natl Guard* 33:18-21+ May '79

CONFIGURATION MANAGEMENT

Aviation configuration accounting system. Leon W. Grzech. *Def Sys Mgt Rev* 2:47-54 Summer '79

Background of study on specifications and standards. Joseph F. Shea. *Def Sys Mgt Rev* 2:103-110 Summer '79

Configuration management and software development techniques. Zygmunt Jelinski. *illus Def Sys Mgt Rev* 2:74-87 Summer '79

Configuration management in the 1990s and beyond. Alan E. Lager. *Def Sys Mgt Rev* 2:30-37 Summer '79

Ensuring an adequate technical data baseline. John R. Hart. *tabs Def Sys Mgt Rev* 2:38-46 Summer '79

In-progress checklist reviews for CM (Configuration Management) systems. June Wohlgethan. *Def Sys Mgt Rev* 2:59-67 Summer '79

Meeting the evolving micro requirement. Jerry L. Raveling. *Def Sys Mgt Rev* 2:88-96 Summer '79

Observations on configuration management. LtCol William G. Fohrman. *Def Sys Mgt Rev* 2:55-58 Summer '79

Why worry about configuration management? William A. Dean. *Def Sys Mgt Rev* 2:21-29 Summer '79

CONFLICT OF INTERESTS

Conflict of interest in safety investigations. *TIG Brief* 31:18 Apr 20 '79

CONGRESS--U. S.

See also
Laws and Legislation

ALA and the 96th Congress. Dan Daniel and others. *illus Review* 58:25-27+ Jan-Feb '79

Another 5.5 percent pay cap in offing. Bob Schweitz. *AF Times* 39:1+ Jan 1 '79

Appropriations panel (House Defense Appropriations Subcommittee) cuts DOD budget by \$2.2-billion. Robin J. Stein. *Armed Forces J Intl* 117:6 Sep '79

CONGRESS--U.S. - Continued

Bring back the draft? The debate on Capitol Hill and what it means to the Guard. Capt Larry Light. illus Natl Guard 33:17-19 Jun '79

Carter buys retired plan ... but who will it cover? Tom Philpott. AF Times 39:1+ Jan 29 '79

Civil defense worries panel (congressional delegation). AF Times 39:7 Jan 29 '79

Congress to consider SPB improvements. Andy Plattner. AF Times 39:22 Jan 1 '79

Congress told of health hazards at Hill (AFB, UT). Ron Sanders. AF Times 39:1+ Apr 16 '79

Congressional expectations of SALT II. Jack F. Kemp. illus Strat Rev 7:16-25 Winter '79

Draft legislation being introduced on Hill. Capt John T. Ritter II. Officer 55:18-19 Jun '79

Draft needed, Hill panels (House Armed Services Committee Subcommittee on Military Personnel and Senate Armed Services Committee Subcommittee on Manpower and Personnel) say. Suzanne Viau. AF Times 39:4 Mar 26 '79

The future of benefits in the hands of new members of Congress. (Interview with Rep Dan Daniel) Suzanne Viau. illus AF Times 40:10 Nov 19 '79

Health care promises to be top Hill issue. AF Times 39:21 Feb 19 '79

Hill feud cuts off pay authority. Andy Plattner. AF Times 40:3 Oct 15 '79

Hill hit (by GAO) for med care failures. Richard C. Barnard. AF Times 40:4 Sep 3 '79

Hill slights sociologist's (Charles C. Moskos, Jr) all-vol ideas. AF Times 39:8 Feb 26 '79

House stays with 5.5% hike. Andy Plattner. AF Times 39:3 May 28 '79

Issues 1979. Natl Guard 33:8-9+ Jan '79

Lack of people items in budget upsets Hill leaders. Andy Plattner. AF Times 39:1+ Feb 12 '79

Lindy Boggs: A message of hope from the Shipyard Coalition. L. Edgar Prina. illus Sea Power 22: 17-20 Jan '79

Measuring the military burden: Fact and fiction. tabs Def Monitor 8: entire issue Jun '79

Money requests include oversea 'barracks' COLA. Tom Philpott. AF Times 39:1+ Jan 15 '79

The new Congress: A preview. Bob Gatty. illus Army 29:38-40 Jan '79

The new faces on the Armed Services Committees. Robin J. Stein. illus Armed Forces J Intl 116: 44-49 Mar '79

\$9000 annual bonus sought for docs (by House Armed Services Subcommittee on Military Compensation). Richard C. Barnard. AF Times 39:3 Apr 23 '79

No more "concave curves": An alternative to SALT II amendments. Editorial. Justin Galen and Benjamin F. Schemmer. Armed Forces J Intl 116:4 Jul '79

ROA Air Section provides update on U.S. Congress. Officer 55:8 May '79

CONGRESS--U.S. - Continued

Registration for draft promoted. AF Times 39:6 Feb 19 '79

The role of Congress in the Defense budget process--a positive view. Michael A. West. Nav War Col Rev 32:88-95 May-Jun '79

The speaker's big push will be "oversight." illus Govt Exec 11:20-21 Jan '79

U.S. intelligence and the Congress. Thomas K. Latimer. illus Strat Rev 7:47-56 Summer '79

Vietnam-era veterans in Congress. Steve Abbott. illus Soldiers 34:31-32 Nov '79

The week in Congress. Regular feature in some issues of Air Force Times

Will SALT II survive in the U.S. Senate? Ramon Lopez. illus Intl Def Rev 12, No. 5:700-701 '79

Directories

Legislative directory: House Committee on Appropriations, Senate Committee on Armed Services, House Committee on Armed Services, Senate Committee on Appropriations. Review 58:35 Jan-Feb '79

CONGRESSIONAL MEDAL OF HONOR see Medal of Honor

CONNELLY, William A.

New Sergeant Major of the Army (SMA William A. Connelly). por Soldiers 34:2 Jul '79

The soldier remains our ultimate weapon. SMA William A. Connelly. por Army 29:23-24 Oct '79

Top Army positions change: Gen Meyer named new Chief of Staff, CSGM Connelly SMA. por Army 29:11 Jul '79

CONSTRUCTION see Building and Construction

CONSUMERS

Consumer electronics: The military marketplace--an analysis of the issues. C.C. Halbak. illus Review 58:24-26+ May-Jun '79

Navy exchange customer demographics. Eileen Cummins. tabs Review 58:32-34 Nov-Dec '79

Overseas consumer electronics. C.C. Halbak. Review 58:29-30+ Sep-Oct '79

CONTAINER SHIPS see Ships, Transport

CONTAINERS

Cargo handling systems. Manfred Momberger. illus Aerosp Intl 15:25-27 Aug-Sep '79

Cassandra on the beach. Capt Bruce P. Schoch. illus tabs Army Log 11:20-23 Jul-Aug '79

Fuel cell foam packaging fire hazards. TIG Brief 31:7 Nov 16 '79

How AAFES supplies Europe--the overseas distribution system. illus Review 58:38-39 Jul-Aug '79

MEKO ships from Blohm & Voss: The beginning of a new era in warship construction? Rudi Meller. illus tabs Intl Def Rev 12, No. 5:730-736 '79

CONTAINERS - Continued

Maintenance, transportation, and storage of sensitive items in proper TPO (Transportation Packaging Order) packs. TIG Brief 31:8 Nov 2 '79

Movement of military support cargo. illus Def Trans J 35:38-41 Apr '79

Recent developments in technology in the USSR. Mikhail Sitnick. illus Def Trans J 35:42-45 Apr '79

Reusable container program. TIG Brief 31:9 Sep 21 '79

Safe/security container syndrome. TIG Brief 31:4 Apr 20 '79

CONTINENTAL AIR DEFENSE COMMAND see North American Air Defense Command

CONTRACTED SERVICES

COCES (Contractor-Operated Civil Engineer Supplies Store) Materiel Requirements List (MRL). TIG Brief 31:16 Jul 13 '79

Can civilians run better hospital? AF Times 40:26 Sep 17 '79

Contract service request slashed. Don Mace. AF Times 40:4 Aug 6 '79

Contracting-out. LtCol Michael E. O'Neill. illus Armed Forces Compt 24:22-24 May '79

Contracting: What did you say we bought? TIG Brief 31:22 Apr 20 '79

Contractors eyed for shelf-stocking. AF Times 39:10 Mar 5 '79

Industry, unions battling over 'contracting out.' Bob Gatty. illus Army 29:30-32 Jul '79

Is your QAE (Quality Assurance Evaluator) worth his salt? TIG Brief 31:13 Oct 19 '79

Managing installation logistics support. BrigGen Harry L. Dukes, Jr. illus Army Log 11:26-31 Sep-Oct '79

10 bases to contract out audio/visual operations. AF Times 40:4 Sep 10 '79

3400 in-service jobs to be contracted out. AF Times 39:48 Apr 2 '79

Unauthorized direction to contractors. TIG Brief 31:12 Nov 2 '79

Laws and Regulations

The Service Contract Act of 1965: A review. Brian M. Kingston. AF Law Rev 20, No.3:286-315 '78

CONTRACTS, GOVERNMENT

Defense industry news. Regular feature in issues of International Defense Review

Major defense contracts--value over \$1 million. Regular feature in issues of International Defense Review

United States

A-E (Architect-Engineer) firms--a vital Air Force resource. MajGen William D. Gilbert. illus Mil Engr 71:11-14 Jan-Feb '79

AFSC: Giving up on tooth faeries. Interview. Gen Alton Slay. illus Govt Exec 11:14+ Oct '79

CONTRACTS, GOVERNMENT - ContinuedUnited States - Cont'd

ASPJ: Lift-off. illus Mil Elect/Countermeasures 5:76 Apr '79

Avionics: The road ahead. Col Robert S. Ziernicki, Ret. illus AF Mag 62:67-75 Jul '79

Changing role of the military adviser. LtCol John G. Coburn. Army Log 11:36-37 Jan-Feb '79

The Coast Guard market for architect/engineers. RADM Benedict L. Stabile. illus map Mil Engr 71:18-21 Jan-Feb '79

Contracting: What did you say we bought? TIG Brief 31:22 Apr 20 '79

Contractor's certificate of conformance: New foundation for quality? Edwin F. Grey and Norman A. Carpenter. illus tab Def Mgt J 15:26-30 Sep-Oct '79

The Corps (of Engineers) uses A-E (Architect-Engineer) services. Irvin Bregman and Gerald A. Yager. illus maps Mil Engr 71:15-17 Jan-Feb '79

The critical link in a well-planned contractor's surveillance plan. TIG Brief 31:21 Aug 17 '79

The critical need for an improved acquisition data base. Sherman W. Blandin and Albert V. Bruno. illus Def Mgt J 15:34-37 Mar-Apr '79

Defense industries and government: Foolish adversaries. Guest editorial. O.C. Boileau. illus Govt Exec 11:24-25+ Aug '79

Design to cost: A case study. LCDR Kenneth R. McGruther. illus tabs chart US Nav Inst Proc 105:52-60 Oct '79

Designing for the Air Force Military Construction Program. Maj Robert Sheppe. tabs Mil Engr 71:26-27 Jan-Feb '79

Designing the Navy's shore installations. RADM Donald G. Iselin. illus map Mil Engr 71:6-10 Jan-Feb '79

Disadvantaged firms: Good, bad, ugly and the dollars. (A critique of small business contracting) Jean M. Skorupski. Govt Exec 11:14+ Jan '79

Ensuring an adequate technical data baseline. John R. Hart. tabs Def Sys Mgt Rev 2:38-46 Summer '79

F-16: Spearhead for a lot of procurement innovation? MajGen James A. Abrahamson. illus Govt Exec 11:20-21 Oct '79

Financial analysis and DOD contractors. BrigGen George William Miller III. illus Armed Forces Compt 24:4-7 Feb '79

Government misuse of technical data--measuring the data owners' damages. Capt Eugene S. Cavallucci. AF Law Rev 20, No.2:162-181 '78

How the government obtains patent rights under the ASPR and FPR patent rights clauses. Capt Steven R. Fuschler. AF Law Rev pt 1, When is the government entitled to patent rights? 20, No.3:209-255 '78

IR&D: An unresolvable congressional issue? David G. Sorgel. Govt Exec 11:42+ Oct '79

Limitations on the right to transfer technology. LtCol H. M. Hougen. Def Sys Mgt Rev 2:35-43 Winter '79

CONTRACTS, GOVERNMENT - ContinuedUnited States - Cont'd

Management disciplines: Harbingers of successful programs. David D. Acker. Def Sys Mgt Rev 2: 7-20 Summer '79

Patent infringements: The composition of reasonable and entire compensation under 28 U.S.C. 1498. Capt John T. Flynn. AF Law Rev 20, No.2:191-200 '78

A perceptive approach to cost surveillance. TIG Brief 31:21 Jun 1 '79

The Uniform Contract Format. TIG Brief 31:22 Sep 7 '79

What's happening in electronics at ESD: A checklist of major electronics projects. Table only. AF Mag 62:51-53 Jul '79

Costs

Cost data are not enough. TIG Brief 31:22 May 4 '79

Tightening the reins on contract costs and schedules. BrigGen Winfield S. Scott III, Ret. illus tabs Def Mgt J 15:28-33 Mar-Apr '79

Winning at any price. Jack W. Robertson. illus Elect Warfare/Def Elect 11:45-46+ Mar '79

CONVERSION see Equipment ConversionCOOPER, Richard H.

A year in review for ROA. MajGen Richard H. Cooper. por Officer 55:8-9 Jun '79

COOPERATION see International Cooperation; Inter-service CooperationCOPYRIGHT

Copyright laws and the ROTC instructor. Maj Dale B. Helbstab. illus Educ J 21:46-48 '78/'79

Limitations on the right to transfer technology. LtCol H.M. Hougden. Def Sys Mgt Rev 2:35-43 Winter '79

Recording music: Is it legal? TIG Brief 31:17 Mar 9 '79

CORPORATIONS, INTERNATIONAL

Arms and the Arabs: Can the AOI (Arab Organization for Industrialization) work? Michael Moodie. illus Def & For Aff Dig 7, No.2:16-17+ '79

CORRESPONDENCE SCHOOLS AND COURSES

Many GI mail courses don't 'take.' AF Times 40:8 Sep 10 '79

More than mailorder courses (MCI, Marine Corps Institute). Lee Hughes. illus MarCor Gaz 63:20-22 Feb '79

CORROSION

Corrosion prevention: The proper tool for the job. TIG Brief 31:8 Aug 3 '79

Electrochemical protection of a ship's hull. Capt Yu. Grudin. illus Soviet Mil Rev No.5:26-27 May '79

COSMIC RAYS

Cosmic radiation effects in spacecraft microelectronics. D. Howard Phillips. illus tabs Mil Elect/Countermeasures pt 1, 5:88-92 Aug '79; pt 2, 5:87-88+ Sep '79

COSMONAUTICS see Space FlightCOSMONAUTS see AstronautsCOST ANALYSISSee also

Economic Analysis

Cost analysis: Hard to cope with inflation. Don Mace. AF Times 40:6 Dec 31 '79

Data processing chargeback: A realistic model for information value. Sandra M. Hill. illus Armed Forces Compt 24:12-14 May '79

Directorate of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 13:23 Oct '79

Financial management: Replacement for the crystal ball. TIG Brief 31:22 Oct 5 '79

The independent cost analysis program at AFLC. Stephen R. Klipfel. illus AF Compt 13:30-31 Oct '79

Notes from the Director of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 13:20 Jan '79

Notes from the Director of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 13:21 Apr '79

Notes from the Director of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 13:36 Jul '79

QBA--Quantitative Budget Analysis. Bruno R. Tale-rico, Sr. illus Armed Forces Compt 24:19-21 Aug '79

COST AND STANDARD OF LIVING

COLA and HA boosted in England. AF Times 40:24 Aug 6 '79

COLA, HA cuts ahead for Japan. AF Times 40:12 Dec 3 '79

COLA, HA hikes OK'd for Britain. AF Times 39:3 May 7 '79

COLA, housing rise in Europe. Suzanne Viau. AF Times 40:4 Oct 22 '79

COLA in Germany cut 30 percent. Richard C. Barnard. AF Times 40:2 Sep 10 '79

COLA is up, HA down in some o'sea areas. Suzanne Viau. AF Times 40:4 Oct 8 '79

DOD's plan gains but ... /annual hike = 2% cut. Tom Philpott. AF Times 39:1+ Jan 1 '79

\$ gains on yen; allowances drop. Richard C. Barnard. AF Times 39:1+ May 14 '79

50% COLA cut in Germany scrapped for 3-step plan. Richard C. Barnard. AF Times 39:1+ May 21 '79

Germany: HA, COLA boosted. AF Times 40:10 Oct 15 '79

How the fall of the Shah hurt the barracks COLA. Tom Philpott. AF Times 39:1+ Mar 12 '79

In Japan: COLA goes down. AF Times 40:7 Nov 5 '79

Money requests include oversea 'barracks' COLA. Tom Philpott. AF Times 39:1+ Jan 15 '79

NAF workers: No o'sea COLA plan. Suzanne Viau. AF Times 39:7 Feb 19 '79

COST AND STANDARD OF LIVING - Continued

Once-a-year hike pushed for retired. AF Times 40:11 Jul 30 '79

Projections: HA going up in Britain, COLA cut in Belgium. AF Times 40:12 Aug 20 '79

Retired pay going up 6.9 percent. Randy Shoemaker. tab AF Times 40:4 Aug 13 '79

Retirees: 1 raise a year. AF Times 39:10 Apr 23 '79

COST CONTROL

(Affordability of a Defense program) (Keynote address, Annual International Logistics Symposium, SOLE, 1978) Dale W. Church. illus Log Spectrum 12:11-16 Winter '78

Cost data are not enough. TIG Brief 31:22 May 4 '79

The Cost/Schedule Control System Criteria (C/SCSC) myth. TIG Brief 31:5 Apr 6 '79

The critical need for an improved acquisition data base. Sherman W. Blandin and Albert V. Bruno. illus Def Mgt J 15:34-37 Mar-Apr '79

Design to cost: A case study. LCDR Kenneth R. McGruther. illus tabs chart US Nav Inst Proc 105: 52-60 Oct '79

Designing to a cost: An update on Navy initiatives. Joseph F. Grosson. illus Def Mgt J 15:7-9 Jan '79

The economics of arms control. Roger Zane George. tabs Intl Sec 3:94-125 Winter '78-'79

Economy: Too much of a good thing? TIG Brief 31:4 Jul 13 '79

A perceptive approach to cost surveillance. TIG Brief 31:21 Jun 1 '79

Telephone cost control. William Sheeser. illus Signal 33:42+ Jan '79

Tightening the reins on contract costs and schedules. BrigGen Winfield S. Scott III, Ret. illus tabs Def Mgt J 15:28-33 Mar-Apr '79

COST EFFECTIVENESSSee alsoEfficiency

AFSC: Giving up on tooth faeries. Interview. Gen Alton Slay. illus Govt Exec 11:14+ Oct '79

Ballistic missile defense into the eighties. William A. Davis, Jr. illus Natl Def 64:55-63 Sep-Oct '79

Britain's new Type 24 multi-purpose frigate. R. W. S. Easton. illus tabs Intl Def Rev 12, No. 6:1021-1025 '79

A cost-effective enlistment supply of women for the Army. Maj Gary Q. Coe. illus tabs Def Mgt J 15: 30-36 Jan '79

Data processing chargeback: A realistic model for information value. Sandra M. Hill. illus Armed Forces Compt 24:12-14 May '79

Defense industries and government: Foolish adversaries. Guest editorial. O.C. Boileau. illus Govt Exec 11:24-25+ Aug '79

Design approaches to recycling buildings. 1stLt Shaune Liles. illus AF Engrg & Svcs Qtr 20:14-16 Nov '79

COST EFFECTIVENESS - Continued

Designing the Navy's shore installations. RADM Donald G. Iselin. illus map Mil Engr 71:6-10 Jan-Feb '79

Designing to a cost: An update on Navy initiatives. Joseph F. Grosson. illus Def Mgt J 15:7-9 Jan '79

F-16: Spearhead for a lot of procurement innovation? MajGen James A. Abrahamson. illus Govt Exec 11:20-21 Oct '79

How high is your endurance? LtCol Robert J. Vandenberg. tab Aerosp Safety 35:14-15 May '79

Leadership & energy: Profitable conservation, not useless conversation. Frederick Neuman. Govt Exec 11:38+ Jan '79

Life-cycle cost: Attitudes and latitudes. LtCol Troy V. Caver. illus tabs Def Mgt J 15:12-17 Jul-Aug '79

Life cycle costing with a programmable calculator. Maj John F. West III. tabs Log Spectrum 13:56-59 Spring '79

Mines: Cost-effective defense. (Interview with Francesco Rena and Umberto Roviola) Ezio Bonsignore. Def & For Aff Dig 7, No. 1:42-43 '79

Monitoring device costs little, saves a lot. William L. Kellan. illus AF Engrg & Svcs Qtr 20:32-33 Nov '79

NARS (National Archives and Records Service): An accurate cost measure of word processing for managers. tab Govt Exec 11:18+ Sep '79

Reliability of system design and testing. CDR Douglas P. Dunbar, Jr. illus Def Mgt J 14:26-30 Nov '78

The role of discounting in problems of choice. James S. Blandin and Peter C. Frederiksen. illus tabs Def Mgt J 14:12-15 Nov '78

SDMS and Udicon--two shipboard data communications systems. Gowri S. Sundaram. illus Intl Def Rev 12, No. 3:377-379 '79

Skatan: A mini-RPV for reconnaissance. LtCol P. Crèvecoeur. illus tabs Intl Def Rev 12, No. 4: 606-608 '79

Tactical portable communications: New technology trends for cost effectiveness. Paul L. Mast. tabs Signal 33:93-96 May-Jun '79

Why discounting is always right. Richard Thaler. illus tabs Def Mgt J 15:2-5 Sep-Oct '79

The word on word processing: Step back and reassess. Govt Exec 11:22+ Jan '79

COST OF LIVING see Cost and Standard of LivingCOTTON, Charles S.

The best ambassador: Rear Admiral Cotton and the cruise of the European Squadron, 1903. William J. Hourihan. Nav War Col Rev 32:63-72 Jul-Aug '79

COUNCIL OF MUTUAL ECONOMIC ASSISTANCE

Economic developments in the Eastern Bloc: Is the Soviet web of control tightening? Aurel Braum. illus Parameters 9:46-55 Sep '79

Towards cooperation. V. Morozov and V. Sukhanov. illus Soviet Mil Rev No. 5:50-51 May '79

COUNSELING

Blacks need counseling--a matter of bonus money.
M.Kathleen Carpenter. AF Times 40:15 Sep 24 '79

Equal Employment Opportunity (EEO) counseling
functions. TIG Brief 31:17 May 18 '79

Help in family crisis. (DART, Domestic-Affairs-
Reaction-Team) SSgt Don Carr. illus Soldiers 34:
24-27 Feb '79

House panel (Veterans Affairs Committee) okays Viet
vet counseling. AF Times 39:4 May 21 '79

The need for and benefits of pre-retirement counsel-
ing. Smithy Mahon. illus Def Mgt J 15:24-27 Mar-
Apr '79

COUNTERINSURGENCY

See also
COIN Aircraft

Counterinsurgency: Corrupting concept. Col William
F. Long, Jr. Ret. illus US Nav Inst Proc 105:56-
64 Apr '79

Counterinsurgency in Rhodesia. Capt James K.
Bruton, Jr. illus Mil Rev 59:26-39 Mar '79

Guerrilla border sanctuaries and counterinsurgent
warfare. John D. Deiner. Army Qtr 109:162-179
Apr '79

Special operations in counter-insurgency: The Farran
case, Palestine 1947. David A. Charters. RUSI J
for Def Studies 124:56-61 Jun '79

COUNTERINTELLIGENCE

The Soviet KGB in America. Howard Handleman. AF
Mag 62:57-60 Jun '79

COUNTERMEASURES

See also
Electronic Countermeasures

Viable counterfire is the answer. Col Arthur R.
Hercz, Ret. illus Fld Arty J 47:33-36 Mar-
Apr '79

COURT OF CLAIMS

Claims Court rules majors board illegal. M.L.
Craver. AF Times 40:1+ Dec 31 '79

COURT OF MILITARY APPEALS

CMA-Services feud escalates. AF Times 39:7
Apr 30 '79

Cost of drug prosecutions may rise. AF Times 40:12
Sep 3 '79

DOD studies Military Appeals Court reforms. R.L.
Janisch. Armed Forces J Intl 116:18 Jul '79

Defense bill would scrap Appeals Court. AF Times
39:54 May 14 '79

The Jencks Act. Maj Olan G. Waldrop, Jr. AF Law
Rev 20, No.2:93-118 '78

LSD users can get lighter raps than pot heads. M.L.
Craver. AF Times 39:1+ Jan 29 '79

Punishment, discipline, and the naval profession.
CDR John B. Bonds. illus US Nav Inst Proc 104:
43-49 Dec '78

COURT OF MILITARY APPEALS - Continued

Senate panel (Armed Services Committee) slaps
CMA--changes sought in UCMJ. AF Times 39:24
Jun 18 '79

COURT OF MILITARY REVIEW

The Jencks Act. Maj Olan G. Waldrop, Jr. AF Law
Rev 20, No.2:93-118 '78

COURTSUnited States

Equal employment opportunity civil suits: An analysis
of their impact. LtCol George M. Nakano. AF Law
Rev 20, No.2:119-161 '78

Government misuse of technical data--measuring the
data owners' damages. Capt Eugene S. Cavallucci.
AF Law Rev 20, No.2:162-181 '78

JURIS: Automating legal research. tab Govt Exec 11:
42+ Nov '79

The Jencks Act. Maj Olan G. Waldrop, Jr. AF Law
Rev 20, No.2:93-118 '78

The new military standard for insanity: The wild beast
revisited. LtCol James F.T. Corcoran and Capt
Douglas W. Lyons, Jr. AF Law Rev 20, No.2:182-
190 '78

Patent infringements: The composition of reasonable
and entire compensation under 28 U.S.C. 1498.
Capt John T. Flynn. AF Law Rev 20, No.2:191-
200 '78

(U.S. Supreme) Court rules passover separation un-
lawful. M.L. Craver. AF Times 40:2 Oct 22 '79

COURTS-MARTIAL

See also
Court of Military Review
Military Justice
Uniform Code of Military Justice

Hand picking juries draws fire. M.L. Craver. AF
Times 39:16 Jan 22 '79

"He served on Samar." Capt Paul Melshen. illus US
Nav Inst Proc 105:42-48 Nov '79

JAG adds counsels to improve trials. M.L. Craver.
AF Times 39:2 Jan 8 '79

Limiting court-martial jurisdiction: A continuing
process. Col Earl E. Hodgson. AF Law Rev 20,
No.3:256-285 '78

Punishment isn't negative. Maj H.L. Hooper III. illus
MarCor Gaz 63:37-41 Oct '79

Statistics

Court-martial rate drops to record low. AF Times
39:4 Jan 1 '79

CREDIT

BX credit plan starting in Korea. AF Times 40:55
Nov 12 '79

Credit: It's easy but it costs. AF Times 39:15+
Feb 12 '79

Exchanges weigh two credit plans. AF Times 39:2
May 21 '79

Give yourself credit: How a married woman can es-
tablish her own credit history. Nancy J. Young.
illus AF Times, Times Magazine sup:16-17
Sep 17 '79

CREDIT - Continued

O'seas BXs to offer credit. Suzanne Viau. AF Times 39:2 Jun 11 '79

VA wants to use collection agencies. Larry Carney. AF Times 40:3 Jul 30 '79

Voice computer system charges credit calls. Theodore D. Puckorius. illus Signal 33:27-30 Jan '79

CREDIT UNIONS

O'seas CUs to use comm network. AF Times 40:8 Oct 15 '79

CREECH, Wilbur L.

TAC and TRADOC talk a lot, but do they communicate? Interviews. Gens Donn A. Starry and W. L. Creech. por Armed Forces J Intl 117:27-28+ Sep '79

Tactical Air Command. por AF Mag 62:88-90 May '79

CRIMEAN WAR, 1853-1856

Charge of the Heavy Brigade. 2dLt Robert N. Stacy. illus Armor 87:30-32 Nov-Dec '78

CRIMES AND MISDEMEANORSSee also

Fraud
Prisoners and Prisons

A.W.O.L.: Anatomy of a problem. Maj Clifford H. Bernath. illus Soldiers 34:6-12 Dec '79

Absent WithOut Leave (AWOL). TIG Brief 31:13-14 Jun 1 '79

The Air Force Crime Prevention Program. TIG Brief 31:3 Apr 6 '79

Black market (in Korea). Jim Davis. illus AF Times 39:51 Jun 18 '79

Composite a clue in cracking crimes. Ron Sanders. illus AF Times 39:21 Mar 26 '79

Don't invite burglars: How to protect your home. MSgt Matt Glasgow. illus tab Soldiers 34:31-33 Jan '79

Dormitory vandalism: A need for concern. TIG Brief 31:6 Oct 5 '79

GAO cites civilian crimes o'seas--many unprosecuted. Suzanne Viau. AF Times 40:6 Oct 1 '79

Head of BX cautions employees on favors. AF Times 40:18 Dec 10 '79

How to handle an Article 15. AF Times 39:4 May 28 '79

Proper use of sound recordings. TIG Brief 31:3 Feb 23 '79

Punishment isn't negative. Maj H. L. Hooper III. illus MarCor Gaz 63:37-41 Oct '79

Recruiters may have 'coached.' Len Famiglietti. AF Times 40:3 Sep 3 '79

608,000 over the hill, at \$1B cost. AF Times 39:11 Apr 30 '79

To stop a thief. MSgt Matt Glasgow. illus Soldiers 34:28-30 Jan '79

CRIMES AND MISDEMEANORS - Continued

To touch a life. (Some military personnel at Kirtland AFB, NM, help with Albuquerque's Volunteers in Probation program) Sgt Craig Pugh. illus Airman 23:41-44 Oct '79

CRISIS MANAGEMENT

Computerized crisis forecasting. Stephen J. Andriole and Judith Ayres Daly. illus tabs AF Mag 62:88-92 Jul '79

Crisis management. LtCol Jerry W. Betts, Ret. illus Army Log 11:12-13 Jan-Feb '79

The United States and the crescent of crisis: A view from the region. Shafqat Ali Shah. illus Strat Rev 7:39-50 Fall '79

CRUISE MISSILES see Missiles

also Missile Type--ALCM; Missile Type--GLCM; Missile Type--SLCM

CRUISERS

The Royal Navy's Invincible-class cruisers. R. B. Pengeley. illus Intl Def Rev 12, No. 8:1335-1340 '79

Through-deck cruiser: The new capital ship. Michael A. Cairl. illus US Nav Inst Proc 104:34-42 Dec '78

The U.S. Navy: Cruisers and destroyers. Norman Polmar. illus tab US Nav Inst Proc 105:121-122 Jun '79

Warships should look warlike. LT John Charles Roach and Herbert A. Meier. illus US Nav Inst Proc 105:66-76 Jun '79

CRYPTOGRAPHY

Assessing Ultra. Roger J. Spiller. illus Mil Rev 59:13-23 Aug '79

Communicating without technology. (American POW perseverance and ingenuity during the Vietnam War) VADM James Bond Stockdale, Ret. illus Signal 34:26-30+ Oct '79

Computer security--the Achilles' heel of the electronic Air Force? LtCol Roger R. Schell. illus tab AU Rev 30:16-33 Jan-Feb '79

Emergency destruction--a key to protection? TIG Brief 31:12 Dec 7 '79

The NSA perspective on telecommunications protection in the nongovernmental sector. VADM B. R. Inman. illus Signal 33:6-9+ Mar '79

Scrambling and spying in SALT II. Strobe Talbott. Intl Sec 4:3-21 Fall '79

Trends in protected communications. (Convention panel, AFCEA, Washington, June 20, 1979) George L. Salton and others. illus Signal 33:85-95 Aug '79

Study and Teaching

Joint training eyed after closings. Len Famiglietti. map AF Times 39:7 Apr 16 '79

CUBAForeign Policy

Cuba and the non-alignment movement. M. Mayorov. Soviet Mil Rev No. 8:50-51 Aug '79

CUBA - ContinuedForeign Policy - Cont'd

Red presence in Cuba: The genesis of a crisis. Justin F. Gleichauf. illus Army 29:34-38 Nov '79

Foreign RelationsRussia

The brigade that backfired. Gen T.R. Milton, Ret. AF Mag 62:91 Nov '79

Red presence in Cuba: The genesis of a crisis. Justin F. Gleichauf. illus Army 29:34-38 Nov '79

Strategic Importance

Is Cuba's build-up aimed against NATO reinforcement? David Harvey. maps Def & For Aff Dig 7, No. 6:36-37 '79

CUBAN CRISIS, 1962

(Bay of Pigs) ADM Robert Lee Dennison, Ret. illus US Nav Inst Proc 105:111-113 Oct '79

Department of Defense operations during the Cuban Crisis. Adam Yarmolinsky. Nav War Col Rev 32: 83-99 Jul-Aug '79

CUSTOMER SERVICE

Customer service ... an NCO perspective. TSgt T.C. Flowers. illus AF Compt 13:31 Apr '79

CUSTOMS, MILITARYSee also

Traditions, Military

CUSTOMS SERVICE

Customs and agriculture preclearance from Europe. TIG Brief 31:9 May 4 '79

DOD wants clout to stop illegal mail. AF Times 40:21 Dec 24 '79

O'seas mail still screened. AF Times 40:4 Aug 13 '79

CYPRUS

Cyprus: The road ahead. Penelope Tremayne. map RUSI J for Def Studies 124:65-71 Mar '79

On the Cyprus conflict. George A. Kourvetaris. J Pol & Mil Sociol 6:105-122 Spring '78

CZECHOSLOVAKIAN CRISIS, 1968

Eurocommunism: Between East and West. Kevin Devlin. Intl Sec 3:81-107 Spring '79

D

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DARCOM see Army Materiel Development and Readiness Command

DARPA see Defense Advanced Research Projects Agency

DDR & E see Defense Research and Engineering

D-Day, 1944 see Normandy Campaign, 1944

DIS see Defense Investigative Service

DMA see Defense Mapping Agency

DOPMS see Defense Officer Personnel Management System

DSARC see Defense Systems Acquisition Review Council

DSCS see Defense Satellite Communications System

DAMAGES see Claims

DAMS

Monitor those dam movements precisely! Kenneth Robertson. illus tabs Mil Engr 71:182-184 May-Jun '79

19th century engineering: The Davis Island Lock and Dam. Leland R. Johnson. illus map Mil Engr pt 1, 71:256-258 Jul-Aug '79; pt 2, 71:338-340 Sep-Oct '79

DANGEROUS MATERIALS see Hazardous Substances

DARGUE, Herbert A.

MajGen H.A. "Bert" Dargue: A lesson in leadership. Gen Laurence S. Kuter, Ret. por AF Mag 62:80-82 Feb '79

DATA LINK see Data Transmission Systems

DATA PROCESSING SYSTEMS see Electronic Data Processing Systems

DATA TRANSMISSION SYSTEMS

Advanced shipboard data transmission system incorporates multiplex technology. illus Def Elect 11: 31+ Jul '79

Aviation configuration accounting system. Leon W. Grzech. Def Sys Mgt Rev 2:47-54 Summer '79

Control of documentation: Avenues to failure. Carl P. Hershfield. Def Sys Mgt Rev 2:68-73 Summer '79

Counter-C³ system from Fairchild Camera. Gowri S. Sundaram. illus Intl Def Rev 12, No. 3:427-431 '79

SDMS and Udicon--two shipboard data communications systems. Gowri S. Sundaram. illus Intl Def Rev 12, No. 3:377-379 '79

DAVIS, Bennie L.

The Air Force--job or profession? Gen B.L. Davis. TIG Brief 31:1-2 Sep 7 '79; AF Plcy Ltr for Comdrs: Sup No. 11:25 Nov '79

The demand for able professionals. (Excerpts from remarks, Pease AFB chapter, Air Force Assoc, Pease AFB, NH, Jan 13, 1979) LtGen B.L. Davis. AF Plcy Ltr for Comdrs: Sup No. 3:34-40 Mar '79

The efficiency-effectiveness balance. (Presentation, Gulf Coast Chap, Air Force Assoc, Keesler AFB, MS, May 23, 1979) Gen B.L. Davis. AF Plcy Ltr for Comdrs: Sup No. 8:17-21 Aug '79

DAVIS, Bennie L. - Continued

(Gen B.L.) Davis to Daedalians: Pilot loss alarming. AF Times 40:8 Nov 19 '79

(LtGen B.L.) Davis foresees stable force, more hikes. por AF Times 39:21 Jan 29 '79

DAVIS, Ruth M.

(DOD basic research, exploratory development, and advanced technology) Interview. Ruth M. Davis. por Mil Elect/Countermeasures 5:25+ Sep '79

Deputy Under Secretary of Defense for Research and Advanced Technology. por Natl Def 63:7+ May-Jun '79

The imperatives of electronic superiority. Ruth M. Davis. por AF Mag 62:55-59 Jul '79

Managing Defense science and technology. Ruth M. Davis. Natl Def 63:28-30+ May-Jun '79

DAWSON, Donald S.

Role of trustees in (ROA) financial affairs. MajGen Donald S. Dawson, Ret. por Officer 55:6 Jun '79

DEATH see Life and Death

DECEPTION IN WARFARE

Camouflage and deception--Soviet style. Capt Richard F. Riccardelli. illus Mil Rev 59:24-32 Feb '79

Camouflage: Survival costume. David Harvey. illus Def & For Aff Dig 7, No. 10:15-17+ '79

The influence of ULTRA on World War II. Harold C. Deutsch. illus Parameters 8:2-15 Dec '78

An old weapon for the (Marine) Corps. David W. Szelowski. MarCor Gaz 63:22 Feb '79

Operation Kreml: Deception, strategy, and the fortunes of war. Earl F. Ziemke. illus map Parameters 9:72-83 Mar '79

DECISION MAKING

See also
Economic Analysis
Problem Solving

Another side to C³. Stephen J. Andriole. illus Def Mgt J 15:15-17 May-Jun '79

Command and control and uncertainty. F.M. Snyder. Nav War Col Rev 32:109-113 Mar-Apr '79

Decentralizing develops leaders. Gen William G. Moore, Jr. (Reprinted from MAC News Services, Jan 29, 1979) AF Plcy Ltr for Comdrs: Sup No. 4: 24-25 Apr '79

The decision process--focal point of command and control. Irving R. Mirman. illus NATO's Fifteen Nations 24:130+ Oct-Nov '79

The decision to eject. LtCol Bill Young. illus TAC Attack 19:22-23 Apr '79

Eject or die. Capt S.R. Vaughan. illus Aerosp Safety 35:20-21 Nov '79

Establishing the Army's funding-to-readiness relationship in USAREUR. MajGen Elton J. Delaune, Jr and others. illus tabs Def Mgt J 15:4-9 May-Jun '79

DECISION MAKING - Continued

Forecasting considerations. William G. Arnold. illus
AF Compt 13:36-37 Apr '79

How far is too far? CW4 Joe Cocklin. USA Avn Dig
25:12-13 Apr '79

Management decisions. William E. Albertson. illus
tab AF Compt 13:44-46 Jan '79

Managing analysis: The client's responsibility. George
F. Brown, Jr. illus Nav War Col Rev 32:22-29
May-Jun '79

Military doctrine, force structure, and the defense
decision-making process. William S. Lind. illus
AU Rev 30:21-27 May-Jun '79

Preparing for production of a major weapon system.
David K. Anderson. illus Def Mgt J 15:20-24 Sep-
Oct '79

Preventing critical situations. LtCol L. Stasyonok.
illus Soviet Mil Rev No. 1:28-29 Jan '79

Supportability in DSARC decision making. Richard E.
Biedenbender and Michael F. McGrath. illus tabs
Def Mgt J 15:14-19 Sep-Oct '79

That sense of urgency. CW3 Raoul Archambault III.
illus USA Avn Dig 25:28-35 Nov '79

The tough task of White House information automation.
illus Govt Exec 11:26-27 Sep '79

The ultimate decision. Maj Roger L. Jacks. illus
Aerosp Safety 35:24-25 Sep '79

VERT (VEnture analysis and Review Technique): A
risk analysis tool for program management. Maj
Greg A. Mann. illus Def Mgt J 15:32-36 May-
Jun '79

Why discounting is always right. Richard Thaler.
illus tabs Def Mgt J 15:2-5 Sep-Oct '79

DECOMPRESSION

Application of a bubble formation model to decom-
pression sickness in rats and humans. David E.
Yount. tabs Aviation, Space & Envmt Med 50:44-
50 Jan '79

Sickle cell trait and the aviator. Russell B. Rayman.
tab Aviation, Space & Envmt Med 50:1170-1172
Nov '79

DECONTAMINATION (FROM GASES, CHEMICALS, ETC)

Disaster preparedness: Chemical warfare defense.
TIG Brief 31:12 Oct 19 '79

Enewetak clean-up. 1stLt Michael J. Conroy. illus
Soldiers 34:24-25 Jan '79

DECORATIONS OF HONOR see Awards, Decorations,
etcDECOYS (MILITARY)

An old weapon for the (Marine) Corps. David W.
Szelowski. MarCor Gaz 63:22 Feb '79

DEEP OCEAN STATIONS see Underwater StationsDEFENSE (MILITARY SCIENCE) see Attack and Defense
(Military Science)DEFENSE ADVANCED RESEARCH PROJECTS AGENCY

The U.S. armoured combat vehicle technology pro-
gram--a closer look. R. M. Ogorkiewicz. illus Intl
Def Rev 12, No. 5:811-815 '79

DEFENSE ATOMIC SUPPORT AGENCY see Defense
Nuclear AgencyDEFENSE AUDIOVISUAL AGENCY

New AV agency: Services lose some say. AF Times
39:2 Jul 2 '79

DEFENSE CIVIL PREPAREDNESS AGENCY

DCPA, AFRES sign new agreement. illus Air Reser-
vist 31:22 Jul '79

Reservists and emergency readiness--DCPA (Defense
Civil Preparedness Agency). illus Officer 55:16
Jan '79

DEFENSE COMMUNICATIONS AGENCY

Better DOD comm system needed, Congress told. AF
Times 39:27 Apr 16 '79

DCA's route to readiness. VADM Samuel L. Gravely,
Jr. illus AF Mag 62:84-87 Jul '79

DCS at the crossroads. VADM Samuel L. Gravely,
Jr. illus Signal 33:53-54+ May-Jun '79

U.S. defense communications--links to everywhere.
R. J. Raggett. illus NATO's Fifteen Nations 24:
101-104+ Jun-Jul '79

DEFENSE COMMUNICATIONS SYSTEM

DCS at the crossroads. VADM Samuel L. Gravely,
Jr. illus Signal 33:53-54+ May-Jun '79

Defense communications, command and control. (Re-
marks, International Wire and Cable Symposium,
Cherry Hill, NJ, Nov 16, 1978) Gerald P. Dinneen.
AF Ploy Ltr for Comdrs: Sup No. 2:10-15 Feb '79

DEFENSE COMMUNITY SERVICE PROGRAM

See also
Civic Action Program

A fighting chance. (Del Rio Boy's Club in Texas has
two AF boxing coaches) MSgt Larry Cobine. illus
Airman 23:12-13 Aug '79

Killer tornado (at Cheyenne, WY)! illus Air Reservis:
31:11 Aug-Sep '79

Military aid to civil communities. (Seminar held at
the RUSI, June 26, 1978) Alec G. Dickson and
others. RUSI J for Def Studies 124:3-12 Mar '79

State duty! illus Natl Guard 33:8-11+ Jun '79

A very special kind. (USAF personnel and bases help
with the Special Olympics) Capt Katie Cutler. illus
Airman 23:44-48 Dec '79

DEFENSE CONTRACT AUDIT AGENCY

Leadership & energy: Profitable conservation, not
useless conversation. Frederick Neuman. Govt
Exec 11:38+ Jan '79

DEFENSE CONTRACTS see Contracts, Government

DEFENSE DEPTFrance

French defense: The view from the Ministry of Defense. Justin Galen. illus tabs Armed Forces J Intl 117:44-47 Oct '79

SpainOrganization

Spain and its defense organization. LtCol J. Sánchez Méndez and others. illus chart Intl Def Rev pt 1, The Armed Forces. 12, No. 9:1489-1494 '79

United States

Allow retirement option, says DOD. Tom Philpott. AF Times 39:1+ Feb 26 '79

The basic research program in the Department of Defense. George Garnota. tabs Natl Def 63:31-33+ May-Jun '79

DOD conclusions on AVF detailed. AF Times 39:10 Jan 8 '79

DOD "cover-up" of manpower crisis alleged. illus Armed Forces J Intl 116:8+ Apr '79

DOD criticized on family housing. AF Times 39:43 Apr 16 '79

DOD denies strategic arms cover-up: House panel (Armed Services Committee) asks detailed SecDef reply. Benjamin F. Schemmer. Armed Forces J Intl 116:10 Apr '79

DOD report to Congress: Retirees getting raw deal on SBP. Andy Plattner. AF Times 39:4 Feb 26 '79

DOD to lose civil defense responsibility (to new Federal Emergency Management Agency). AF Times 39:4 Feb 5 '79

DOD wants all Services on identical food ration. AF Times 39:28 Mar 26 '79

DOD weighing variable BAQ. AF Times 39:3 Feb 12 '79

Defense adviser for NATO affairs (Ambassador R. W. Komer). illus Natl Def 63:5 Jan-Feb '79

Defense energy ... an update. George Marienthal. illus tab Command Plcy 2: entire issue Dec '79

Defense highlights. Regular feature in issues of National Defense

Defense transportation almanac: Facts and figures on military transportation. Regular feature in some issues of Defense Transportation Journal

Deputy Under Secretary of Defense for Research and Advanced Technology. illus Natl Def 63:7+ May-Jun '79

Deputy Under Secretary of Defense, Strategic and Space Systems (Seymour L. Zeiberg). illus Natl Def 64:5 Jul-Aug '79

Dr Mark is appointed Secretary of the Air Force. illus AF Compt 13: back cover Oct '79

Hidalgo now Navy Secretary. illus Officer 55:13 Nov '79

Hidalgo tapped to succeed Claytor as SecNav. L. Edgar Prina. illus Sea Power 22:21-22 Oct '79

DEFENSE DEPT- ContinuedUnited States - Cont'd

Maintaining DOD's real property. Perry J. Fliakas. illus Mil Engr 71:78-79 Mar-Apr '79

Managing Defense science and technology. Ruth M. Davis. tab Natl Def 63:28-30+ May-Jun '79

Mark, Chayes, Hermann--three are moving up (to AFSec, Under Sec, and an assistant sec). illus AF Times 39:16 Jul 9 '79

New DOD retirement plan called recruiting threat. Tom Philpott. AF Times 39:1+ Apr 16 '79

New Secretary of the Air Force (Hans M. Mark). illus Air Reservist 31:4 Aug-Sep '79

The Pentagon propaganda machine. Capt T. Belashchenko. illus Soviet Mil Rev No. 7:42-44 Jul '79

Pentagon's pressing priorities. LtGen Ira C. Eaker. Ret. Natl Def 64:22 Nov-Dec '79

Report on 'saving' kin o'seas held too brief. AF Times 39:6 Feb 26 '79

SAF/FM organization. (Asst SecAF/Financial Management) illus chart AF Compt 13:3 Oct '79

Secretaries Mark, Chayes, Hermann nominated for top USAF posts. Bonner Day. illus AF Mag 62: 34-35 Aug '79

Summary of DOD Annual Report. (Presentation, Senate Armed Services Committee, Washington, Jan 25, 1979) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 3:2-20 Mar '79

Organization

Contemporary problems of the unified command system. Col William O. Staudenmaier. illus map Parameters 9:84-94 Mar '79

DOD reorganization. illus Officer 55:16-17 Feb '79

Last report in, but no action due on DOD reorganization before mid-June. Benjamin F. Schemmer. Armed Forces J Intl 116:14-15 Apr '79

Military bosses move up. AF Times 39:14+ Apr 2 '79

Unlikely Service secretaries will go, or Persian Gulf Command be established. Benjamin F. Schemmer. Armed Forces J Intl 116:11 Jan '79

DEFENSE DEVELOPMENT RESEARCH AND ENGINEERING see Defense Research and EngineeringDEFENSE ELECTRONICS SUPPLY CENTER

The weak link in defense logistics. BrigGen George K. Patterson. illus tab Log Spectrum 12:28-32 Winter '78

DEFENSE INTELLIGENCE AGENCY

The slow murder of the American intelligence community. Benjamin F. Schemmer and others. illus Armed Forces J Intl 116:50-54 Mar '79

DEFENSE INVESTIGATIVE SERVICE

DIS too costly to nab deserters. AF Times 39:30 Mar 26 '79

DEFENSE LANGUAGE INSTITUTE

English spoken here. Maj Charles G. Tucker. AF Mag 62:136+ Sep '79

DEFENSE LOGISTICS AGENCY

See also entries under sub-agencies, e.g.,
Defense Personnel Support Center

Better DOD comm system needed, Congress told. AF Times 39:27 Apr 16 '79

DOD buying unit (Defense Logistics Agency) paying too much. AF Times 40:20 Sep 3 '79

Defence logistics management: Centralise, rationalise or leave alone? An American view. LtGen W.W. Vaughan, RUSI J for Def Studies 123:11-17 Dec '78

DEFENSE LOGISTICS STUDIES INFORMATION EXCHANGE

Conducting logistics research? Consult DLSIE! TIG Brief 31:9 Jan 26 '79

Need some information? Try DLSIE. TIG Brief 31:6 Apr 6 '79

DEFENSE MAPPING AGENCY

The Defense Mapping Agency and the digital domain. LtGen Abner B. Martin. illus Mil Engr 71:22-25 Jan-Feb '79

DEFENSE MARKETS AND MARKETING see Markets and MarketingDEFENSE NUCLEAR AGENCY

DNA (Defense Nuclear Agency) sifts N-test effects--early returns indicate cancer possible fluke. Interview. VADM Robert R. Monroe. illus AF Times 40:23 Nov 19 '79

Most people at (1957) atom test not in peril, report says. AF Times 39:4 Feb 19 '79

DEFENSE OFFICER PERSONNEL MANAGEMENT SYSTEM

Cut in Sr officers asked. AF Times 40:3 Nov 5 '79

DOPMA action--bill asks cuts in officers. AF Times 40:3 Oct 8 '79

DOPMA appears dead. AF Times 39:8 May 21 '79

DOPMA clears hurdle in Senate. Andy Plattner. AF Times 40:1+ Aug 6 '79

DOPMA: Cuts would cause 'shock.' M.L. Craver. AF Times 40:1+ Dec 17 '79

DOPMA going to Hill ... again. AF Times 39:3 Jan 15 '79

DOPMA near Senate action. Andy Plattner. AF Times 40:3 Oct 22 '79

Hikes rest on DOPMA or grade relief extension. M.L. Craver. AF Times 39:1+ Jan 22 '79

How will DOPMA affect O-4 promotions? M.L. Craver. AF Times 40:12 Dec 24 '79

Officer cuts under DOPMA cause concern--Senate version. M.L. Craver. AF Times 40:3 Nov 12 '79

Officer hike picture OK for next 5 years. M.L. Craver. AF Times 39:1+ Mar 26 '79

Putting up-or-out in perspective. Ed Gates. tabs AF Mag 62:64-67 Apr '79

DEFENSE OFFICER PERSONNEL MANAGEMENT SYSTEM - Continued

Senate (hearing shows) mixed reaction to up-or-out policy. AF Times 40:1+ Jul 30 '79

Senate passes DOPMA. Andy Plattner. AF Times 40:16 Dec 17 '79

Senate will act soon on DOPMA. M.L. Craver. AF Times 39:3 Jul 2 '79

DEFENSE PERSONNEL SUPPORT CENTER

(Defense Personnel Support Center) Interview. MajGen Emmett W. Bowers. illus Review 58:20-22+ Jul-Aug '79

European chill space examined--the future of subsistence storage. Allan Rosen. illus Review 58:30-31+ Jul-Aug '79

Fish procurement: Competition sweetens the market. A.L. Allen. tabs Review 58:48-50 Mar-Apr '79

Tom Christie: Profile of DPSC's point man. illus Review 58:40 Mar-Apr '79

DEFENSE RESEARCH AND ENGINEERING

"... work the people problem in a coupling of the technology." Interview. Walter B. LaBerge. illus Armed Forces J Intl 117:20+ Dec '79

DEFENSE SATELLITE COMMUNICATIONS SYSTEM

Part-time manning at DSCS earth stations. Maj James A. Mazzei. illus Signal 33:38-41 Jan '79

DEFENSE SUPPLY AGENCY see Defense Logistics AgencyDEFENSE SUPPLY ASSOCIATION see American Logistics AssociationDEFENSE SUPPRESSION

Suppression of enemy air defense. Capt William C. Hepler. illus USA Avn Dig 25:2-5 Feb '79

Suppression of enemy air defenses. LtCol Charles W. Montgomery, Ret. illus tab Fld Arty J 47:22-25 May-Jun '79

DEFENSE SYSTEMS ACQUISITION REVIEW COUNCIL

Preparing for production of a major weapon system. David K. Anderson. illus Def Mgt J 15:20-24 Sep-Oct '79

Supportability in DSARC decision making. Richard E. Biedenbender and Michael F. McGrath. illus tabs Def Mgt J 15:14-19 Sep-Oct '79

DEFENSESSee also

Air Defenses
Civil Defense
Deterrence

International defense digest. Regular feature in issues of International Defense Review

Canada

Canada: Post-election plans. (Interview with Alan McKimmon) Joseph Fama. Def & For Aff Dig 7, No. 4:33+ '79

DEFENSES - ContinuedChina (People's Republic)

China visit: A military assessment. Capt William R. Heaton, Jr. illus Army 29:22-26 Nov '79

Chinese military links with NATO? An assessment of the Kremlin's concerns. R.D.M. Furlong and LtCol Al Biegel. Intl Def Rev 12, No.9:1467-1468 '79

Dilemmas for America in China's modernization. Lucian W. Pye. Intl Sec 4:3-19 Summer '79

The implications of Sino-American normalization. Jonathan D. Pollack. Intl Sec 3:37-57 Spring '79

Europe, Western

Can Western Europe be defended by conventional means? LtCol Norbert Hannig, Ret. illus tabs Intl Def Rev 12, No. 1:27-34 '79

The defence of Western Europe--prospects for further collaboration. WgComdr J.B. Parkinson. Royal Air Forces Qtr 18:328-330+ Winter '78

European defence and the changing balance of power. Lord Chalfont. illus NATO's Fifteen Nations 24:26-30+ Feb-Mar '79

Europe's heightened role in global strategy. Gen J. A. Graf Kielmansegg, Ret. illus Strat Rev 7:49-55 Winter '79

NATO strategy: Political-military problems of divergent interests and operational concept. LtCol Steven L. Canby. illus Mil Rev 59:50-58 Apr '79

SALT II: A European perspective. Manfred Wörner. illus Strat Rev 7:9-15 Summer '79

Western Europe: An improper system of defence. Gen Pierre M. Gallois. RUSI J for Def Studies 124:12-17 Sep '79

France

France and NATO: An ambiguous relationship. G. Chambost. illus Intl Def Rev 12, No. 4:526-530 '79

French defense: The view from the Ministry of Defense. Justin Galen. illus tabs Armed Forces J Intl 117:44-47 Oct '79

The French Republic. Col Wilfred L. Ebel. illus Mil Rev 59:49-56 Aug '79

The future of France's force de dissuasion. Gen Pierre M. Gallois, Ret. illus Strat Rev 7:34-41 Summer '79

Germany (Federal Republic)

The Vosper 62-m high-speed corvette. Brian Morrison. illus tabs Intl Def Rev 12, No. 3:380-382 '79

West Germany's new defense vigor. David Harvey. illus Def & For Aff Dig 7, No. 10:42-44 '79

Costs

The emergence of the Bundeswehr as a pressure group. James A. Linger. tabs Armed Forces & Soc 5:560-589 Summer '79

Great Britain

The future of Britain's strategic nuclear force. AVM Stewart W. B. Menaul. illus Strat Rev 7:25-33 Summer '79

DEFENSES - ContinuedGreat Britain - Cont'd

UK/NATO nuclear options for the 1980s. illus map Intl Def Rev 12, No.9:1487-1488 '79

Japan

The Japanese SDF: Tiger or pussycat? Col William V. Kennedy. illus map Army 29:14-21 Nov '79

Japan's Army and the modern Japanese military system. Raymond Lamont Brown. map illus RUSI J for Def Studies 123:31-37 Dec '78

Korea (Republic)

Korea: A new look at the balance. illus Def & For Aff Dig 7, No.8:33-35 '79

NATO

Allied Forces Southern Europe: Testing NATO's southern defence. Maj Lew Lambert. illus NATO's Fifteen Nations 24:85-88 Feb-Mar '79

Assault Breaker: A plethora of options. illus Def & For Aff Dig 7, No. 11:38-39 '79

Budgets and theater nuclear forces. illus Def & For Aff Dig 7, No. 10:40-41 '79

Can Western Europe be defended by conventional means? LtCol Norbert Hannig, Ret. illus tabs Intl Def Rev 12, No. 1:27-34 '79

Canada's contribution to the defence of Europe. John Gellner. illus NATO's Fifteen Nations 24:54-57 Apr-May '79

Chinese military links with NATO? An assessment of the Kremlin's concerns. R.D.M. Furlong and LtCol Al Biegel. Intl Def Rev 12, No.9:1467-1468 '79

The counter-mobility potential in the NATO context. LtCol David K. Anderson. illus tabs Strat Rev 7:67-75 Winter '79

Crystal ball, Mark II (medium range). ACM Christopher Foxley-Norris. Army Qtr 108:278-283 Jul '78

Dutch defense policy for the '80s--less nuclear, more conventional. R.D.M. Furlong. Intl Def Rev 12, No. 3:319-322 '79

Essential equivalence: The end of the nuclear deterrent myth. LtCol Norbert Hannig, Ret. illus tabs Intl Def Rev 12, No. 2:179-183 '79

The FY 80 Defense budget. Bridget Gail and others. tabs Armed Forces J Intl 116:26+ Mar '79

France and NATO: An ambiguous relationship. G. Chambost. illus Intl Def Rev 12, No. 4:526-530 '79

The German Navy's mine warfare forces. Udo Philipp. illus tab Intl Def Rev 12, No. 2:219-224 '79

"If they want us ... we'll get there!" Allan R. Scholin. illus Natl Guard 33:24-26+ Feb '79

The long-term defence programme: Crucial to credible deterrence. LtGen Joseph M. Heiser, Jr. Ret. illus Def Mgt J 15:2-7 Jul-Aug '79

Looking ahead. Robert Komer. Intl Sec 4:108-116 Summer '79

NATO - Cont'd

- Maritime aspects of the northern flank. VAdm James Jungius. illus RUSI J for Def Studies 123:17-19 Dec '78
- Mobilization and transportation. (Remarks, National Defense Transportation Assoc Forum, 1978) Charles W. Duncan, Jr. illus Translog 10:6-8 Feb '79
- The NATO long term defense program. Norman Gray. Signal 33:29-30 Apr '79
- NATO long term planning: The challenge of the future to the Alliance. LtGen Lothar Domröse. illus tabs NATO's Fifteen Nations 24:114+ Oct-Nov '79
- NATO needs: A challenge to industries. (Remarks, Electronics Industries Symposium, Los Angeles, Oct 25, 1978) BrigGen Walter B. Ratliff. AF Plcy Ltr for Comdrs: Sup No.2:16-26 Feb '79
- NATO's lost decade. Justin Galen. illus map tabs Armed Forces J Intl pt 1, How the United States gave the Warsaw Pact a surprise attack capability. 115:19-20+ Jun '78; pt 2, Restoring the NATO-Warsaw Pact balance: "The art of the impossible." 116:32-34+ Sep '78; pt 3, Keeping the transatlantic bargain: The last chance for forward defense. 116:30+ Dec '78; pt 4, NATO's theater nuclear dilemma: A new set of crucial choices. 116:16+ Jan '79; pt 5, NATO's national opportunities: France and the Iberian Peninsula. 116:37-39+ Apr '79
- New DOD emphasis on electronic warfare and "counter C³" at budget crossroads. Benjamin F. Schemmer. illus tab Armed Forces J Intl 116:14-15+ Feb '79
- New horizons for NATO? ACM Peter Le Cheminant. illus Hawk No.39:11-16 Winter '78-'79
- New variations on old themes. Stanley Hoffmann. Intl Sec 4:88-107 Summer '79
- The North Atlantic Treaty's fatal flaw. Thomas A. Callaghan, Jr. illus NATO's Fifteen Nations 24:144-146+ Oct-Nov '79
- Northern flank could come unglued. MarCor Gaz 63:10 Aug '79
- One voice in Europe. Gen George S. Blanchard. illus Army 29:22-26 Jan '79
- Pentagon endorses Family of Weapons concept. Rudi Meller. illus tab Intl Def Rev 12, No.5:702-703 '79
- Pershing II go-ahead. Intl Def Rev 12, No.3:315 '79
- The planned destruction of the West. Patrick Wall. illus Sea Power 22:17-22 Nov '79
- Rapid reinforcement for the flanks of NATO. SqLdr M.A.E. Seller. illus tabs Hawk No.39:53-59 Winter '78-'79
- Reforger interoperability. LtCol R.L. Sloane. illus Armor 88:8-9 Sep-Oct '79
- The reinforcement of Europe. Gen Peter Whiteley. illus NATO's Fifteen Nations 24:20-24+ Aug-Sep '79
- The Russians aren't scaring NATO. Jay Finegan. AF Times 39:12 Apr 2 '79

DEFENSES - ContinuedNATO - Cont'd

- SALT II and NATO Europe: An interview with the UK Secretary of Defence (Francis Pym). R.D.M. Furlong. Intl Def Rev 12, No.8:1286 '79
- SALT, strategy and Atlantic relations. Phil Williams. RUSI J for Def Studies 124:50-54 Mar '79
- The southern flank of NATO. ADM Harold E. Shear. illus NATO's Fifteen Nations 23:17-20 Dec '78-Jan '79
- The Soviet armoured threat and NATO anti-armour capabilities. FO R.G. Smith. Army Qtr 109:153-161 Apr '79
- Soviet doctrine implications for NATO. Jacquelyn K. Davis. maps Natl Def 63:28-31+ Jan-Feb '79
- Soviet tactics for overcoming NATO anti-tank defenses. C.N. Donnelly. illus tabs Intl Def Rev 12, No.7:1099-1106 '79
- The strategic situation in Northern Europe: Improvements vital for NATO. R.D.M. Furlong. illus maps tab Intl Def Rev 12, No.6:899-910 '79
- The sudden attack debate: Arguments and alternatives. David Hazel. RUSI J for Def Studies 123:37-43 Dec '78
- The 81st Tactical Fighter Wing. F. Clifton Berry, Jr. illus map Armed Forces J Intl 116:18-19 Jun '79
- Technology and tactics in defense of Europe. Gen William E. Depuy, Ret. illus tabs map Army 29:14-23 Apr '79
- The threat to northern Europe. R.D.M. Furlong. illus maps Intl Def Rev 12, No.4:517-525 '79
- UK/NATO nuclear options for the 1980s. illus map Intl Def Rev 12, No.9:1487-1488 '79
- U.S. defense policy: The problem is not more money. Steven L. Canby. tabs AEI For Plcy & Def Rev 1, No.3:23-36 '79
- U.S. defense priorities. Lloyd Norman. AEI For Plcy & Def Rev 1, No.3:13-23 '79

Costs

- Financial and economic data relating to NATO defence. Tables only. NATO's Fifteen Nations 24:196-197 Oct-Nov '79

- Indices of NATO defence expenditure, current and constant prices. International Institute for Strategic Studies. Table only. AF Mag 62:132 Dec '79

Netherlands

- Dutch defense policy for the '80s--less nuclear, more conventional. R.D.M. Furlong. Intl Def Rev 12, No.3:319-322 '79

Persian Gulf Region

- Soviet oil and the security of the Gulf. Dennis Chaplin. RUSI J for Def Studies 123:50-52 Dec '78

Russia

- Comparing the FY 80 Defense budget with the Soviet defense effort--the US continues to stagger behind. tabs Armed Forces J Intl 116:40-43 Mar '79

DEFENSES - ContinuedRussia - Cont'd

The international situation and SALT. Harold Brown. illus tabs Command 2: entire issue Apr '79

Military Posture for FY 1980. (Overview, Senate Armed Services Committee, Jan 25, 1979) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No. 3:21-30 Mar '79

Opportunities and imperatives of ballistic missile defense. Malcolm Wallop. illus Strat Rev 7:13-21 Fall '79

Russia-America. Interview. Gen David C. Jones. (Reprinted from U.S. News & World Report, Oct 30, 1978) illus Command 2:6-9 Feb '79

Soviet military report. Regular feature in some issues of Defense & Foreign Affairs Digest

Summary of DOD Annual Report. (Presentation, Senate Armed Services Committee, Washington, Jan 25, 1979) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 3:2-20 Mar '79

Costs

Soviet defence expenditure. International Institute for Strategic Studies. tab AF Mag 62:70 Dec '79

Scandinavia

The threat to northern Europe. R.D.M. Furlong. illus maps Intl Def Rev 12, No. 4:517-525 '79

Spain

Spain and its defense organization. LtCol J. Sánchez Méndez and others. illus chart Intl Def Rev pt 1, The Armed Forces. 12, No. 9:1489-1494 '79

Sweden

The Hugin-class FPB: An integral element of Swedish naval defense. R.J.L. Dicker. illus map tab Intl Def Rev 12, No. 2:207-212 '79

Switzerland

Switzerland and her defences. John Marriott. (Condensed from Military Technology and Economics, No. 5, 1978) illus NATO's Fifteen Nations 24:109-110+ Feb-Mar '79

United States

The case for the SLBM force. Paul A. Chadwell. illus Natl Def 64:46-47+ Jul-Aug '79

Challenge for the 1980s: Maintaining the balance. (Presentation, Air Force Assoc National Convention, Washington, Sep 18, 1979) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No. 11:8-14 Nov '79

'Countervailing strategy.' Edgar Ulsamer. illus AF Mag 62:54-59 Apr '79

Defending the battery. Capt Larry A. Altersitz. illus Fld Arty J 47:30-33 May-Jun '79

Defense highlights. Regular feature in issues of National Defense

Defense of the depths. CAPT Robert F. Delaney and Maj Patrick Townsend. illus US Nav Inst Proc 105: 36-41 Nov '79

DEFENSES - ContinuedUnited States - Cont'd

Defense technology: Moving into space. Edgar Ulsamer. AF Mag 62:46-51 Jun '79

Fielding a modern ready Air Force. (Address, AFCEA Washington Chap, April 1979) Gen James A. Hill. illus Signal 34:27-29 Sep '79

In focus. Regular feature in issues of Air Force Magazine

The international situation and SALT. Harold Brown. illus tabs Command 2: entire issue Apr '79

Military posture and national power--an overview. Gen David C. Jones. illus Signal 33:115-116+ May-Jun '79

Military Posture for FY 1980. (Overview, Senate Armed Services Committee, Jan 25, 1979) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No. 3:21-30 Mar '79

New critical defense needs. Edgar Ulsamer. (2d report on AFA's National Symposium on "Toward a New World Strategy," Los Angeles, Oct 26-27, 1978) illus AF Mag 62:26-31 Feb '79

No substitutes for military preparedness. Interview. Gen David C. Jones. illus AF Mag 62:44-48 May '79

Opportunities and imperatives of ballistic missile defense. Malcolm Wallop. illus Strat Rev 7:13-21 Fall '79

PGM's: How Congress and pundits are resisting a military revolution. C.W. Borklund. tabs illus Govt Exec 11:37+ Nov '79

A proposed Defense budget for FY 1980. illus Command 2: entire issue Mar '79

Russia-America. Interview. Gen David C. Jones. (Reprinted from U.S. News & World Report, Oct 30, 1978) illus Command 2:6-9 Feb '79

The SALT II paradox. Editorial. A.G.B. Metcalf. Strat Rev 7:9-12 Fall '79

SALT debate aids defense awareness. Edgar Ulsamer. illus AF Mag 62:36-41 Oct '79

Sounding the tocsin: NSC 68 and the Soviet threat. Samuel F. Wells, Jr. Intl Sec 4:116-158 Fall '79

Submarines, bombers to deter Soviets. illus AF Times 40:24 Sep 24 '79

Summary of DOD Annual Report. (Presentation, Senate Armed Services Committee, Washington, Jan 25, 1979) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 3:2-20 Mar '79

Tensions convince U.S. of need for defense. Walter B. LaBerge. Officer 55:12 May '79

Thoughts on national defense. Richard B. Kay. illus Officer 55:20 May '79

Toward a new world strategy. (Report on AFA's National Symposium on "Toward a New World Strategy," Los Angeles, Oct 26-27, 1978) Edgar Ulsamer. illus AF Mag 62:60-65 Jan '79

U.S. defense policy: The problem is not more money. Steven L. Canby. tabs AEI For Plcy & Def Rev 1, No. 3:23-36 '79

DEFENSES - ContinuedUnited States - Cont'd

- U.S. defense priorities. Lloyd Norman. AEI For Plcy & Def Rev 1, No.3:13-23 '79
- U.S. global retrenchment and the Army of 2000. Alwyn H.King. illus Parameters 9:47-55 Jun '79
- U.S. military report. Regular feature in some issues of Defense & Foreign Affairs Digest
- U.S. strategic weapons developments and the implications of SALT. illus Intl Def Rev 12, No.3:367-371 '79
- Will SALT II survive in the U.S. Senate? Ramon Lopez. illus Intl Def Rev 12, No.5:700-701 '79

Warsaw Pact

- NATO needs: A challenge to industries. (Remarks, Electronics Industries Symposium, Los Angeles, Oct 25, 1978) BrigGen Walter B. Ratliff. AF Plcy Ltr for Comdrs: Sup No.2:16-26 Feb '79
- New DOD emphasis on electronic warfare and "counter C3" at budget crossroads. Benjamin F. Schemmer. illus tab Armed Forces J Intl 116:14-15+ Feb '79
- The Warsaw Pact battle order. John Fullerton. Def & For Aff Dig 7, No. 1:36-37+ '79

DEFOLIATION

- AF, HEW studying 'Orange.' AF Times 39:27 Jun 18 '79
- DOD, GAO differ on 'Orange.' AF Times 40:4 Dec 10 '79
- Herbicide (Agent Orange) threat to humans cited. Richard C. Barnard. AF Times 39:20 Apr 30 '79
- VA appoints Agent Orange panel. AF Times 40:7 Aug 13 '79
- VA red tape said adding to Agent Orange anxiety. Larry Carney. AF Times 39:45 May 21 '79
- Vets get action on Agent Orange. Richard C. Barnard. AF Times 39:4 Jun 18 '79

DEGREES, ACADEMIC

- Degree programs get closer check. AF Times 39:7 Jul 23 '79
- An evaluation of the Bachelor of Science Degree in Management-Logistics. Robert G. Stein and Ben Marriott. illus Log Spectrum 13:40-44 Winter '79

DELAUNE, Elton J., Jr

- Establishing the Army's funding-to-readiness relationship in USAREUR. MajGen Elton J. Delaune, Jr and others. Def Mgt J 15:4-9 May-Jun '79

DENNISON, Robert L.

- (Bay of Pigs) ADM Robert Lee Dennison, Ret. US Nav Inst Proc 105:111-113 Oct '79

DENTAL CARE

- Annual Dental Examination Program (ADEP) for Geographically Separated Units (GSU). TIG Brief 31:10 Jun 1 '79

DENTAL CARE - Continued

- Dental service sterilization activities. TIG Brief 31:11 May 4 '79
- Panel (House Appropriations Committee) warns on dental clinics--shape up or lose \$\$. Richard C. Barnard. AF Times 39:4 Jun 25 '79
- Pioneers in dentistry. Brian Sullivan. illus Soldiers 34:13-15 Oct '79
- Red Cross volunteers working in Air Force dental clinics. TIG Brief 31:11 Feb 9 '79

DENTAL CORPSAir Force

- Dental policies: Local directives. TIG Brief 31:15 Jun 15 '79

Army

- Pioneers in dentistry. Brian Sullivan. illus Soldiers 34:13-15 Oct '79

DEPENDENCY AND INDEMNITY COMPENSATION see Survivors Rights and BenefitsDEPENDENTS, MILITARY

- See also
Children, Military
Wives, Military

- Cutback in Europe nothing new. Tom Philpott. AF Times 39:4 May 14 '79
- Cutting o'seas kin called unworkable. Andy Plattner. AF Times 39:7 Jun 11 '79
- DOD: Lift abortion ban, kin limits. AF Times 39:29 Jul 2 '79
- DOD tells Hill--keep kin o'seas. Tom Philpott. AF Times 39:1+ Jun 25 '79
- DOD trying to forestall o'sea kin cuts--tour changes proposed. Andy Plattner. AF Times 39:2 Jul 9 '79
- Defense Authorization Bill: O'seas kin reduced; doctors get bonus. AF Times 40:4 Nov 12 '79
- First class passage--the military was different then and so was the trip home. Andy Plattner. illus AF Times, Times Magazine sup:12-15 Aug 13 '79
- GAO cites civilian crimes o'seas--many unprosecuted. Suzanne Viau. AF Times 40:6 Oct 1 '79
- Garnishment proposals reveal few changes. AF Times 40:3 Nov 19 '79
- A halt to kin travel--lower ceilings seen for dependents o'seas. Andy Plattner. AF Times 40:1+ Oct 8 '79
- Help in family crisis. (DART, Domestic-Affairs-Reaction-Team) SSgt Don Carr. illus Soldiers 34:24-27 Feb '79
- House panel (Appropriations Subcommittee on Defense): Cut o'sea kin 3000. Suzanne Viau. AF Times 40:1+ Aug 20 '79
- House votes to cut o'seas kin \$\$. Andy Plattner. AF Times 39:3 Jul 2 '79
- Iran evacuation said delayed dangerously. Jim Tice. illus AF Times 39:10+ Apr 9 '79

DEPENDENTS, MILITARY - Continued

Jr EM kin travel up to panel (House-Senate conference committee). AF Times 40:3 Oct 1 '79

Kin abroad: Asset or liability? Bruce Callander. AF Times 39:14+ Jun 25 '79

Kin travel overseas threatened--Army underestimated total. AF Times 39:3 Jan 8 '79

Mad enough to write? Bruce Callander. AF Times 39:1+ Jun 11 '79

Navy hiring 100 MDs to treat dependents. AF Times 40:23 Aug 6 '79

O'sea kin cut agreed upon. Andy Plattner. AF Times 40:1+ Oct 29 '79

O'sea kin due evacuation test. Andy Plattner. AF Times 40:4 Aug 27 '79

O'seas kin cut of 30,000 asked (by Defense Subcommittee of the House Appropriations Committee). Andy Plattner. AF Times 40:1+ Jul 30 '79

Panel (House Appropriations Committee) asks cut in overseas kin. Andy Plattner. AF Times 40:1+ Oct 1 '79

Panel (Senate Appropriations Committee) softens o'sea kin restrictions. Andy Plattner. AF Times 40:1+ Nov 5 '79

Rand report criticizes military health plans. Richard C. Barnard. AF Times 39:3 Feb 26 '79

Report on 'saving' kin o'seas held too brief. AF Times 39:6 Feb 26 '79

Stennis makes Services sweat--o'seas kin travel curbs. Bruce Callander. AF Times 39:1+ May 14 '79

Thousands may get tax credit break. Tom Philpott. AF Times 39:1+ Mar 5 '79

Trim overseas kin, halt JET (Junior Enlisted Travel), panel (Senate Armed Services Committee) says. Andy Plattner. AF Times 39:1+ Jun 4 '79

2 panels (House Appropriations Committee, Senate Armed Services Committee) vote overseas dependent \$ cuts. Andy Plattner. AF Times 39:1+ Jun 18 '79

Watch which o'sea tour you elect. AF Times 39:2 Mar 12 '79

We'll fight for kin, not for pay relief. Interview. MajGen Stanley M. Umstead. illus AF Times 39:7 Jun 25 '79

DEPLOYMENTAir Force

The A-10 in Central Europe--a concept of deployment-employment. Col Robert D. Rasmussen. map illus tabs AU Rev 30:26-44 Nov-Dec '78

Red Flag. Maj Terrence L. Dillon. illus maps Combat Crew 29:4-7 Aug '79

Armed Forces

Military Airlift Command: The prime mover. William P. Schlitz. illus AF Mag 62:46-52 Feb '79

Reforger '78 ... cruizin' the autobahn. illus Air Reservist 31:16-17 Dec '78-Jan '79

DEPLOYMENT - ContinuedArmed Forces - Cont'd

Reforger 79. Translog 10: inside front cover Jan '79

Army

CH-47 deployment. Betty Goodson. illus USA Avn Dig 25:24 Oct '79

"Eyes"--an innovation in Air Cavalry. LtCol Clyde A. Hennies. illus Armor 88:20-23 Nov-Dec '79

Has light Infantry really had its day? Maj Robert B. Killebrew. illus Army 29:44-48 Dec '79

Nonrefueled chopper hop set. AF Times 40:8 Aug 13 '79

Operation Northern Leap. illus map USA Avn Dig 25: 65-67 Oct '79

Reforger--Golden Thunder I. LtCol Harold V. Floody, Jr. illus Fld Arty J 47:29-32 Jan-Feb '79

Reforger round trip. Frank Costa. illus Translog 10: 15-16 Apr '79

Self-deployment of CH-47 medium lift helicopters to Europe. LtCol James B. Thompson. illus USA Avn Dig 25:6-7 Aug '79

Soviet Army wave attack philosophy: The single-echelon option. P. H. Vigor. illus Intl Def Rev 12, No. 1:43-46 '79

Study and Teaching

Deployment training. LtCol Bruce H. Ellis and Maj Ray E. Porter III. illus Fld Arty J 47:47-49 Mar-Apr '79

Marine Corps

A demonstration of 'something'; the Marines land at Gitmo. L. Edgar Prina. Sea Power 22:44-45 Nov '79

National Guard--Air Force

"If they want us ... we'll get there!" Allan R. Scholin. illus Natl Guard 33:24-26+ Feb '79

National Guard--Army

Working toward 'come as you are' readiness. MajGen Emmett H. Walker, Jr. illus Army 29:82-85 Oct '79

DEPOTS, SUPPLYArmy

Dynamic depot. (Red River Army Depot, TX) illus Army Log 11:26-29 May-Jun '79

Have we enough spare parts to win a war? MajGen John G. Hill, Jr. Ret. illus Army 29:34-36 Feb '79

Sacramento Army Depot--where gremlins fear to tread. MSgt Matt Glasgow. illus Soldiers 34:26-29 May '79

DePUY, William E.

Technology and tactics in defense of Europe. Gen William E. Depuy, Ret. Army 29:14-23 Apr '79

DESERT OPERATIONS

Communicating in desert environments. Maj Luis F. Hernandez, Ret. illus Fld Arty J 47:44-47 May-Jun '79

DESERT OPERATIONS - Continued

The Middle East: Flight safety and survival. Ronald P. Barrett. illus Aerosp Safety 35:20-24 Feb '79

The secret of the desert. Sgt Edward Smith. tabs Aerosp Safety 35:12-13 Apr '79

DESERTION, MILITARY

DIS too costly to nab deserters. AF Times 39:30 Mar 26 '79

Deserters proving harder to find. AF Times 39:33 Feb 12 '79

Memorandum of understanding on military deserters. TIG Brief 31:4 Feb 9 '79

DESIGN TO COST CONCEPT see Cost ControlDESTROYERS

Britain's new Type 24 multi-purpose frigate. R.W.S. Easton. illus tabs Intl Def Rev 12, No.6:1021-1025 '79

DDG-47: Aegis on its way to sea. CDR Todd Blades, Ret. illus US Nav Inst Proc 105:101-106 Jan '79

Destroyers for the 21st century. CDR David G. Clark. illus US Nav Inst Proc 105:24-33 Mar '79

The empty billet: The light destroyer in the U.S. Navy. illus US Nav Inst Proc 104:138-141 Dec '78

Handling a Spruance-class destroyer. LTJG Jim Stavridis. illus US Nav Inst Proc 105:124-126 Oct '79

MEKO ships from Blohm & Voss: The beginning of a new era in warship construction? Rudi Meller. illus tabs Intl Def Rev 12, No.5:730-736 '79

Navy concentrating on guided missile destroyers/ frigates. Richard Hartman. illus tab Def Elect 11: 62-65 Jul '79

The need for a Super-FFG: One solution. Sub-Lt Peter D. Jones. illus US Nav Inst Proc 105:103-104 Mar '79

Speed in modern warships. Norman Friedman. illus US Nav Inst Proc 105:150-167 May '79

U.S. destroyers in foreign navies. Samuel L. Morrison. illus tab US Nav Inst Proc 105:112-116 Apr '79

The U.S. Navy: Cruisers and destroyers. Norman Polmar. illus tab US Nav Inst Proc 105:121-122 Jun '79

The Vosper 62-m high-speed corvette. Brian Morrison. illus tabs Intl Def Rev 12, No.3:380-382 '79

Weapon system series: The Standard frigate. illus tabs NATO's Fifteen Nations 24:95-97+ Feb-Mar '79

History

Recommissioning destroyers, 1939 style. CAPT Donald I. Thomas, Ret. illus US Nav Inst Proc 105:70-72 Sep '79

Undine and the airman. Victor Hicken. illus Aerosp Hist 26:40-44 Mar '79

DETECTION EQUIPMENT

AN/TSQ-73 Missile Minder. SgtIC Charles D. Myers. illus Air Def Mag, pp 36-38, Apr-Jun '79

DETECTION EQUIPMENT - Continued

Countering the crew-compartment explosion--an automatic fire suppression system from Hughes. R.J.L. Dicker. illus tab Intl Def Rev 12, No.5:816-818 '79

EW/IR systems from Selenia. Gowri S. Sundaram. illus Intl Def Rev 12, No.6:1026-1030 '79

European naval helicopter requirements and some current solutions. illus tab Intl Def Rev 12, No.4:562-567 '79

Internal security equipment survey. illus tabs Intl Def Rev 12, No.6:1002-1006 '79

The MilIPAC portable artillery computer system. illus Intl Def Rev 12, No.5:835 '79

Portable ultrasonic warning tape in development. illus Def Elect 11:91-92+ Jun '79

Pot detector (ESCO): 'Limited, but useful.' AF Times 40:13 Aug 20 '79

Safer 'SAFE' operations. TIG Brief 31:4 Jan 12 '79

Surface warships against submarines. CAPT William D. Taylor, Ret. illus US Nav Inst Proc 105:168-181 May '79

TEREC--the USAF's Tactical Electronic REConnais-sance system. Gowri S. Sundaram. illus Intl Def Rev 12, No.1:118-120 '79

243 MHZ (Mega-Hertz) beacons: Terrain and the downed flier. Capt M. Stopani-Thompson. (Reprinted from Flight Comment, No.2, 1979) tabs Aerosp Safety 35:18-20 Oct '79

UK AEW--Nimrod system looks like being first in Europe. Dan Boyle. illus Intl Def Rev 12, No.3: 372-376 '79

UKADGE (UK Air Defense Ground Environment) updates--the UK re-thinks its radar defenses. illus Intl Def Rev 12, No.5:771-774 '79

DETENTE

Détente and an adequate American defense. LtCol Joseph W. Kastl. illus AU Rev 30:20-25 Sep-Oct '79

Détente, deterrence, and the dilemma of national security. Joe P. Dunn. illus AU Rev 30:61-66 Sep-Oct '79

The other side of detente. Stanley H. Kober. AF Mag 62:82-84 Oct '79

The ratification of SALT II. Charles Yost. tabs Mil Engr 71:315-317 Sep-Oct '79

Strategic deterrence in the age of detente. CAPT Robert J. Carlin, Ret. illus US Nav Inst Proc 105:28-35 Sep '79

DETERRENCE

Arms control enters the gray area. Robert Metzger and Paul Doty. tabs Intl Sec 3:17-52 Winter '78-'79

The calculus of surprise attack. LtCol A. L. Elliott. illus tab AU Rev 30:56-67 Mar-Apr '79

The challenge of M-X. LtGen Thomas P. Stafford. illus Signal 34:8-12 Sep '79

Changing balance of power. (Presentation, Metropolitan Presidents' Organization, New York, Oct 16, 1979) LtGen John S. Pustay. AF Plcy Ltr for Comdrs: Sup No.12:27-36 Dec '79

DETERRENCE - Continued

- The civil defense factor in the strategic balance. Leon Goure. *illus Natl Def* 64:45-46+ Sep-Oct '79
- 'Countervailing strategy.' Edgar Ulsamer. *illus AF Mag* 62:54-59 Apr '79
- Détente, deterrence, and the dilemma of national security. Joe P. Dunn. *illus AU Rev* 30:61-66 Sep-Oct '79
- Dutch defense policy for the '80s--less nuclear, more conventional. R. D. M. Furlong. *Intl Def Rev* 12, No. 3:319-322 '79
- Essential equivalence: The end of the nuclear deterrent myth. LtCol Norbert Hannig. *Ret. illus tabs Intl Def Rev* 12, No. 2:179-183 '79
- The future of France's force de dissuasion. Gen Pierre M. Gallois. *Ret. illus Strat Rev* 7:34-41 Summer '79
- The future of the strategic deterrent. (Presentation, Air Force Assoc, Los Angeles, Aug 3, 1979) Hans M. Mark. *AF Plcy Ltr for Comdrs: Sup No. 10:2-7 Oct '79*
- How little is enough? Francis P. Hoerber. *Intl Sec* 3: 53-73 Winter '78-'79
- Important issues. (Presentation, Los Angeles Chamber of Commerce, March 16, 1979) Gen Lew Allen, Jr. *AF Plcy Ltr for Comdrs: Sup No. 5:2-7 May '79*
- The long-term defence programme: Crucial to credible deterrence. LtGen Joseph M. Heiser, Jr. *Ret. illus Def Mgt J* 15:2-7 Jul-Aug '79
- The MX and strategic deterrence in the 1980s. G. K. Burke. *illus tabs AU Rev* 30:28-38 May-Jun '79
- Maintaining stable deterrence. McGeorge Bundy. *Intl Sec* 3:5-16 Winter '78-'79
- The major priorities. (Presentation, Air War College, Air University, Maxwell AFB, AL, May 22, 1979) Hans M. Mark. *AF Plcy Ltr for Comdrs: Sup No. 7:11-13 Jul '79*
- A maritime or continental strategy? A British view. Patrick Wall. *illus Sea Power* 22:17-21 Apr '79
- More arithmetic of deterrence: Throw weight, radioactivity and limited nuclear war. Ian Bellany. *RUSI J for Def Studies* 124:35-38 Jun '79
- Mutual destruction: A deterrent to nuclear war? Maj Calvin C. Seybold. *illus Mil Rev* 59:22-28 Sep '79
- The naval balance: Quality versus quantity. VAdm James Eberle. *RUSI J for Def Studies* 123:56-59 Dec '78
- The North Atlantic Treaty's fatal flaw. Thomas A. Callaghan, Jr. *illus NATO's Fifteen Nations* 24: 144-146+ Oct-Nov '79
- Nuclear deterrence does not make civil defense unnecessary. J. F. Wallace. (Reprinted from Canadian Defence Quarterly, Summer 1978) *illus Mil Rev* 59:50-59 May '79
- Nuclear strategy--differences in Soviet and American thinking. 1stLt John W. Jenson. *AU Rev* 30:2-17 Mar-Apr '79
- Our greatest need today. (Remarks, AFA Symposium, Los Angeles, Oct 26, 1978) Gen Richard H. Ellis. *AF Plcy Ltr for Comdrs: Sup No. 1:2-8 Jan '79*

DETERRENCE - Continued

- Our security in the next decade. (Presentation, Tucson, AZ, Chapter, Air Force Assoc, March 16, 1979) John A. Hewitt, Jr. *AF Plcy Ltr for Comdrs: Sup No. 5:8-13 May '79*
- Overview statement. (Presentation, Senate Armed Services Committee, Washington, Feb 1, 1979) *AF Plcy Ltr for Comdrs: Sup No. 4:15-18 Apr '79*
- Planning our strategic future: The classical approach. MajGen John C. Toomay. *illus Natl Def* 64:52-55 Jul-Aug '79
- The political potential of Soviet equivalence. Benjamin S. Lambeth. *Intl Sec* 4:22-39 Fall '79
- The potential battle of the Atlantic. RADM Sayre A. Swartrauber. *illus maps tabs US Nav Inst Proc* 105:108-125 May '79
- Preserving the ICBM leg of the triad. Paul H. Nitze. *tabs Natl Def* 64:30-34+ Jul-Aug '79
- Principles of deterrence. Col John M. Collins, Ret. *illus tabs AU Rev* 31:17-26 Nov-Dec '79
- SALT II and NATO Europe: An interview with the UK Secretary of Defence (Francis Pym). R. D. M. Furlong. *Intl Def Rev* 12, No. 8:1286 '79
- SALT and the Navy. LT James L. George, Ret. *illus tabs US Nav Inst Proc* 105:28-37 Jun '79
- SAMSO and the future strategic deterrent. Hans Mark. *illus AF Mag* 62:39-43 Aug '79
- Strategic deterrence in the age of détente. CAPT Robert J. Carlin, Ret. *illus US Nav Inst Proc* 105:28-35 Sep '79
- Strategic force modernization plan. William J. Perry. *illus Command Plcy* 2: entire issue May '79
- The strategic situation in Northern Europe: Improvements vital for NATO. R. D. M. Furlong. *illus maps tab Intl Def Rev* 12, No. 6:899-910 '79
- Strategic systems outlook. Seymour L. Zeiberg. *illus Natl Def* 64:26-29 Jul-Aug '79
- Submarines, bombers to deter Soviets. *illus AF Times* 40:24 Sep 24 '79
- Technology and tactics in defense of Europe. Gen William E. Depuy, Ret. *illus tabs map Army* 29:14-23 Apr '79
- Theatre nuclear weapons: Begging the Soviet Union to pre-empt. Jeffrey Record. (Reprinted from Survival, Sep-Oct 1978) *illus Fld Arty J* 47:20-23 Sep-Oct '79
- Thinking of new horizons. (Presentation, Secretary Luncheon of the Air Force Assoc National Convention, Washington, Sep 19, 1979) Hans M. Mark. *AF Plcy Ltr for Comdrs: Sup No. 11:2-7 Nov '79*
- The total force. (Presentation, 101st General Conference of the National Guard Assoc of the United States, Cleveland, Oct 10, 1979) Gen Lew Allen, Jr. *AF Plcy Ltr for Comdrs: Sup No. 12:14-19 Dec '79*
- Two anchors in the Pacific: A strategy proposal for the U.S. Pacific Fleet. LCDR Kenneth R. McGruther. *illus maps US Nav Inst Proc* 105:126-141 May '79
- UK/NATO nuclear options for the 1980s. *illus map Intl Def Rev* 12, No. 9:1487-1488 '79

DETERRENCE - Continued

USAF objective: To maintain a credible force. LtGen Thomas P. Stafford. AF Plcy Ltr for Comdrs: Sup No. 12:15-22 Dec '78

USAF's three top priorities. Hans M. Mark. illus AF Mag 62:66 Sep '79

The ultimate deterrent. Col Cecil M. Minich. illus Mil Rev 59:64-66 Jan '79

U.S. defense priorities. Lloyd Norman. AEI For Plcy & Def Rev 1, No. 3:13-23 '79

U.S. naval forces and the northern flank of NATO. F.J. West, Jr. illus tabs Nav War Col Rev 32: 15-25 Jul-Aug '79

U.S. strategic weapons developments and the implications of SALT. illus Intl Def Rev 12, No. 3:367-371 '79

The war of unengaged forces--superpowers at sea in an era of competitive coexistence. CDR Russell L. Madison. illus Nav War Col Rev 32:82-94 Mar-Apr '79

DEVERS, Jacob L.

Gen Jacob L. Devers, 1887-1979. por obit Army 29:10 Nov '79

DIESEL ENGINES

Why gas turbines for tanks? John L. Mason. illus tabs Intl Def Rev 12, No. 9:1535-1537 '79

DIGITAL COMMUNICATIONS see Digital Equipment

DIGITAL EQUIPMENT

See also

Data Transmission Systems

Communications challenges for the 80s. Robert R. Fossum and Vinton G. Cerf. illus map Signal 34: 17-20+ Oct '79

DCS at the crossroads. VADM Samuel L. Gravely, Jr. illus Signal 33:53-54+ May-Jun '79

Digital bearing discriminator details divulged. illus tabs Def Elect 11:33-36 Aug '79

(Digital European Backbone--DEB project) Signal 33:154 Jan '79

Digital IFM receiver planned for the '80s is ahead of schedule. Dean Heaton and David King. illus tab Def Elect 11:71-72+ Aug '79

Digital raster graphics for military applications. illus Mil Elect/Countermeasures 5:62-64 May '79

Griffiss (AFB, NY) center (Rome Air Development Center) tests 'flexible' radio system. Rich Garcia. illus AF Times 39:22 Jul 2 '79

(Measurement devices using fiber optics) Signal 33:150 Jan '79

Synthesized tuners use digital techniques. Gordon Larsen. illus tab Def Elect 11:97-100 Sep '79

TACFIRE does it all. K. Patrick Cathcart. illus Soldiers 34:44-45 Apr '79

Tactical portable communications: New technology trends for cost effectiveness. Paul L. Mast. tabs Signal 33:93-96 May-Jun '79

DINGES, Edward A.

(Field Artillery School) Interview. BrigGen Edward A. Dinges. por Fld Arty J 47:13-16 May-Jun '79

DINNEEN, Gerald P.

C² systems management. Gerald P. Dinneen. Signal 34:15-19 Sep '79

Defense communications, command and control. (Remarks, International Wire and Cable Symposium, Cherry Hill, NJ, Nov 16, 1978) Gerald P. Dinneen. AF Plcy Ltr for Comdrs: Sup No. 2:10-15 Feb '79

DIPLOMACY

George C. Marshall: First in war, first in peace. SGM Bruce N. Bant. illus Soldiers 34:35-36 Dec '79

DISARMAMENTHistory

Echoes of the 1930s. Richard Perle. illus Strat Rev 7:11-15 Winter '79

DISASTER CONTROL

Disaster preparedness: Chemical warfare defense. TIG Brief 31:12 Oct 19 '79

The long harsh winter of 1979. illus Natl Guard 33: 8-12+ Mar-Apr '79

The return to Johnstown. Col Max R. Janairo, Jr. Ret. illus Mil Engr 71:32-34 Jan-Feb '79

State duty! illus Natl Guard 33:8-11+ Jun '79

DISASTERS

See also

Hurricanes
Tornadoes

Domestic C3: An emergency response capability. LtCol Raymond J. Hufnagel, Jr and George O. Selz. Signal 34:54 Nov-Dec '79

Emergency Satellite Communications System (ESCS). Bardyl R. Tirana. illus Signal 34:49-53 Nov-Dec '79

Suddenly there's a Valley. Capt Robert B. Robeson. illus USA Avn Dig 25:45-47 Sep '79

DISCHARGES, RELEASES, AND SEPARATIONS

See also

Reduction in Force
Retirement

Air Force

CONUS port early outs scrapped. Bruce Callander. AF Times 39:1+ Mar 12 '79

Conditional waivers in enlisted administrative separation cases. TIG Brief 31:6 Mar 9 '79

'Diversified' reasons on EM exits clarified. AF Times 39:8 Jan 8 '79

MEB (Medical Evaluation Board) change: Fewer patient transfers. Ron Sanders. AF Times 39:2 Jan 15 '79

Officer to replace board in some separation cases. AF Times 39:6 Jul 9 '79

DISCHARGES, RELEASES, AND SEPARATIONS

Continued

Air Force - Cont'd

Pilot exodus still growing. M.L. Craver. AF Times 39:3 Jun 18 '79

Putting up-or-out in perspective. Ed Gates. tabs AF Mag 62:64-67 Apr '79

Some EM face longer service. Bruce Callander. AF Times 40:1+ Dec 24 '79

(U.S. Supreme) Court rules passover separation unlawful. M.L. Craver. AF Times 40:2 Oct 22 '79

Armed Forces

AF, Navy clarify policy on homosexual ousters. AF Times 40:6 Oct 8 '79

Bad-paper discharges to end. AF Times 40:3 Aug 13 '79

Discharge papers to omit reason for leaving. illus AF Times 39:7 Jan 22 '79

Hill panel (House Appropriations Committee) questions plan to 'honor' unsuitables. AF Times 40:14 Oct 15 '79

608,000 over the hill, at \$1B cost. AF Times 39:11 Apr 30 '79

Army

Disability evaluation: Retention, retirement, separation. SgtMaj Bruce N. Bant. illus Soldiers 34:49-52 Nov '79

Marine Corps

You may be whatever you resolve to be. Maj R.I. McPherson. illus tabs MarCor Gaz 63:45-51 Aug '79

Navy

The "up-or-out" policy. LCDR Nicholas J. Schmitt. illus US Nav Inst Proc 105:35-40 Dec '79

DISCIPLINE, MILITARY

Disciplinary Regulations. LtCol Yu. Oshmyansky. Soviet Mil Rev No. 11:46-47 Nov '79

Discipline and command. MajGen Walter D. Reed. TIG Brief 31:1-2 Nov 16 '79

Discipline and standards. TIG Brief 31:9 Aug 3 '79

Leadership, discipline, airmanship. Col Robert D. Anderson. illus TAC Attack pt 1, 19:26-27 Nov '79; pt 2, 19:24-25 Dec '79

Military discipline. LtCol V. Amelchenko. illus Soviet Mil Rev No. 2:41-43 Feb '79

Punishment, discipline, and the naval profession. CDR John B. Bonds. illus US Nav Inst Proc 104: 43-49 Dec '78

Sanctions in security violations cases. TIG Brief 31: 3-4 Feb 23 '79

DISEASES

AFIP (Armed Forces Institute of Pathology): To conquer disease. Janet Hake. illus Soldiers 34:11-13 Jul '79

DISEASES - Continued

CHAMPUS restores MS victim (LtCol Phillip H. Baker) to rolls. AF Times 39:2 Jan 8 '79

Communicable disease reporting. TIG Brief 31:11 Aug 17 '79

Morbidity experience of air traffic control personnel--1967-77. Charles F. Booze. tabs Aviation, Space & Envmt Med 50:1-8 Jan '79

War is hell on bugs, too. Joyce C. Ware. illus Army 29:37-39 Feb '79

What's a nice person like you doing with a disease like this? Janet Hake. illus tab Soldiers 34:35-38 Jan '79

DISPERSAL, MILITARYSee also

Missiles--Dispersal

DISPLAY SYSTEMS

Computer peripherals: Display technologies vie for human interface role. Murry Shohat. illus map Mil Elect/Countermeasures 5:56+ Sep '79

The David field artillery computer. illus Intl Def Rev 12, No. 5:836 '79

Electronic maps for tomorrow's cockpits. Murry Shohat. illus Mil Elect/Countermeasures 5:58+ Mar '79

(FAA adding color to radar displays) Signal 33:64 Feb '79

The MILIPAC portable artillery computer system. illus Intl Def Rev 12, No. 5:835 '79

The 60606 cockpit display. George deLucenay Leon. illus Natl Def 63:38-39 Mar-Apr '79

DISSENTERSHistory

Dissent and the soldier. Gen T.R. Milton, Ret. illus Strat Rev 7:15-22 Spring '79

DIVERS AND DIVING

Biochemical studies of saturation and saturation/excursion dives breathing O₂-N₂ mixtures. E. Heyder and others. tabs Aviation, Space & Envmt Med 50:51-59 Jan '79

Changes in serum ferritin and other factors associated with iron metabolism during chronic hyperbaric exposure. Sara C. Gilman and others. tabs Aviation, Space & Envmt Med 50:223-226 Mar '79

Measuring instrument for the determination of the oxygen consumption of scuba divers in open waters. Alexander W. McNeill. illus tab Aviation, Space & Envmt Med 50:742-744 Jul '79

Spectral composition of the underwater environment and the refractive state of the eye. J.G. Sivak. tab illus Aviation, Space & Envmt Med 50:1099-1101 Nov '79

Swimming accuracy and consistency of scuba divers under conditions of low visibility. S.M. Luria. tabs Aviation, Space & Envmt Med 50:233-238 Mar '79

DIVERS AND DIVING - Continued

The underwater sabotage threat. CAPT Raymond A. Hundevadt, Ret. illus US Nav Inst Proc 105:61-64 Sep '79

Visual recognition thresholds in a compressed air environment. W.W.Banks and others. tabs Aviation, Space & Envmt Med 50:1003-1006 Oct '79

DIVORCE see Marriage and Divorce

DIZZINESS see Vertigo

DOCKS

The tug of gravity. LCDR R.C.Montgomery. illus US Nav Inst Proc 105:109-110 Jun '79

DOCTORS see Physicians

DOCTRINE

The doctrinal process: Some suggested steps. MajGen I.B.Holley, Jr. illus Mil Rev 59:2-13 Apr '79

Doctrine and strategy--the misunderstood basics. Maj Ted Schroeder. illus Mil Rev 59:11-16 Jan '79

Study and Teaching

Military doctrine, force structure, and the defense decision-making process. William S.Lind. illus AU Rev 30:21-27 May-Jun '79

Air Force--U.S.

The dynamic role of Air Force doctrine. Maj Gene E. Townsend. AF Mag 62:53-55+ Oct '79

Facets of aerospace power. (Dual triad system) Don Mace. illus AF Times 40:22+ Dec 10 '79

Functions and Basic Doctrine of the United States Air Force (AFM 1-1). TIG Brief 31:11 Jul 13 '79

A new look at an old problem. LtCol D.L.Hutchinson. AU Rev 30:69-73 Jan-Feb '79

Armed Forces--NATO

Tactical air power in armored warfare--the divergence within NATO. Steven L.Canby. illus AU Rev 30:2-20 May-Jun '79

Armed Forces--Russia

The counter-mobility potential in the NATO context. LtCol David K.Anderson. illus tabs Strat Rev 7: 67-75 Winter '79

If the Soviets don't mass. Maj Donald K.Griffin. illus tab Mil Rev 59:2-13 Feb '79

Modern Soviet artillery doctrine and practice. Christopher Donnelly. illus tab NATO's Fifteen Nations 24:48-50+ Jun-Jul '79

Naval power and Soviet global strategy. Michael McGwire. Intl Sec 3:134-189 Spring '79

Nuclear strategy--differences in Soviet and American thinking. 1stLt John W.Jenson. AU Rev 30:2-17 Mar-Apr '79

Soviet doctrine implications for NATO. Jacquelyn K. Davis. maps Natl Def 63:28-31+ Jan-Feb '79

The Soviet military press 1978. John Erickson. Strat Rev 7:83-96 Summer '79

DOCTRINE - ContinuedArmed Forces--Russia - Cont'd

Soviet nuclear doctrine. Mark B.Schneider. Natl Def 63:51-53 Jan-Feb '79

Soviet options for war in Europe: Nuclear or conventional? Col Graham D.Vernon. illus Strat Rev 7: 56-66 Winter '79

Soviet tactics for overcoming NATO anti-tank defenses. C.N.Donnelly. illus tabs Intl Def Rev 12, No.7:1099-1106 '79

Armed Forces--U.S.

Military doctrine, force structure, and the defense decision-making process. William S.Lind. illus AU Rev 30:21-27 May-Jun '79

Nuclear strategy--differences in Soviet and American thinking. 1stLt John W.Jenson. AU Rev 30:2-17 Mar-Apr '79

On war, time, and the principle of substitution. Herman L.Gilster. illus AU Rev 30:2-19 Sep-Oct '79

Strategic implications of enhanced radiation weapons--a preliminary analysis. Donald M.Snow. illus AU Rev 30:2-16 Jul-Aug '79

Tactical air power in armored warfare--the divergence within NATO. Steven L.Canby. illus AU Rev 30:2-20 May-Jun '79

Army--Russia

Patterns, plain and fancy. Col James H.Hayes, Ret. illus Mil Rev 59:2-10 Jul '79

The Soviet approach. Maj Armand De Cesare and Capt Adolf Carlson. illus Infantry 69:16-19 Jan Feb '79

Soviet ground tactics. Maj Edward H.Cabaniss IV. illus Mil Rev 59:37-45 Dec '79

History

Seventy years on: Similarities between the modern Soviet Army and its Tsarist predecessor. Christopher Bellamy. illus RUSI J for Def Studies 124: 29-38 Sep '79

Army--U.S.

Civil-military operations: An element in winning the first battle in Central Europe. LtCol Wesley A. Groesbeck. illus Mil Rev 59:14-19 Apr '79

A method for developing doctrine. Maj John W.Taylor. illus Mil Rev 59:70-75 Mar '79

The missing link. Maj John P.Rose. Armor 88:9-11 Nov-Dev '79

Some second thoughts on the Army's blueprint for future land warfare. Martin Blumenson. Natl Guard 33:18-20 Mar-Apr '79

Tactical doctrine or dogma? Maj Richard Hart Sinnreich. illus Army 29:16-19 Sep '79

Tank destroyers. Maj Charles M.Baily. illus Armor 88:7-13 Jul-Aug '79

Training key to success of force modernization. Gen Donn A.Starry. illus Army 29:30-34 Oct '79

The U.S. Army doctrine for the electronic battlefield. illus tabs Def Elect 11:44-46+ Jun '79

DOCTRINE - ContinuedMarine Corps--U. S.

From where did our amphibious doctrine come? Col James B. Agnew, Ret. illus map MarCor Gaz 63: 52-59 Aug '79

Navy--Russia

The doctrinal legitimacy of Gorshkov's writings: Measuring the measures. Renita Fry. illus Nav War Col Rev 32:26-37 Feb '79

Soviet doctrine on the role of the aircraft carrier. LCDR Floyd D. Kennedy, Jr. illus Nav War Col Rev 32:48-58 Feb '79

Germany (Democratic Republic)

Concepts of East German defence doctrine. Stephen R. Bowers. Army Qtr 108:423-432 Oct '78

NATO

The sudden attack debate: Arguments and alternatives. David Hazel. RUSI J for Def Studies 123:37-43 Dec '78

Russia

The terrible strategy of terror: A French perspective. Col Marc Geneste, Ret. illus Strat Rev 7: 23-31 Spring '79

United States

The terrible strategy of terror: A French perspective. Col Marc Geneste, Ret. illus Strat Rev 7: 23-31 Spring '79

Warsaw Pact

The sudden attack debate: Arguments and alternatives. David Hazel. RUSI J for Def Studies 123:37-43 Dec '78

DODDS, Joseph B.

Air Force Audit Agency. por AF Mag 62:98-99 May '79

Auditor General. MajGen Joseph B. Dodds. por AF Compt 13:32 Oct '79

Notes from the Auditor General. BrigGen Joseph B. Dodds. por AF Compt 13:32 Jan '79

Notes from the Auditor General. MajGen Joseph B. Dodds. por AF Compt 13:27 Apr '79

Notes from the Auditor General. MajGen Joseph B. Dodds. por AF Compt 13:38 Jul '79

DOGS

Dogs that serve. Janet Hake. illus Soldiers 34:6-9 Apr '79

Preventive medicine for military working dogs. TIG Brief 31:8 Apr 6 '79

DOMESTIC ACTION PROGRAM see Defense Community Service ProgramDOMINICAN REPUBLIC

Helping hand! (Army airmen of the Puerto Rico National Guard in the Dominican Republic) illus Natl Guard 33:16-18 Nov '79

Hurricane Commancheros. Capt Charles B. Cook. illus USA Avn Dig 25:24-27 Dec '79

DONNELLY, Charles L., Jr

Air Force technical training. (Presentation, Dallas-Fort Worth Chap, Air Force Assoc, Carswell AFB, TX, June 23, 1979) MajGen Charles L. Donnelly, Jr. AF Ploy Ltr for Comdrs: Sup No. 9:22-29 Sep '79

DOUHET, Giulio

Douhet in Italy: Prophet without honor? Claudio G. Segre. por Aerosp Hist 26:69-80 Jun '79

DOYLE, James H., Jr

December 1950 at Hungnam. VADM James H. Doyle, Ret and Arthur J. Mayer. por US Nav Inst Proc 105:44-55 Apr '79

DRAFT, MILITARY see Military Service, CompulsoryDRAG

Condition of deceleration chutes (drag chutes). TIG Brief 31:6 Sep 7 '79

DRILL

Drill team: Precision plus. MSgt Matt Glasgow. illus Soldiers 34:33-36 Mar '79

New Reserve drill pay rates. Table only. AF Times 40:7 Oct 8 '79

Thoughts of a top trainer. (Interview with SSgt Boyd W. Bowers) illus Infantry 69:23-27 May-Jun '79

Who's Jody? Capt Gardner M. Nason. illus Soldiers 34:24-26 Dec '79

DRONESSee also

Remotely Piloted Vehicles

Unmanned captive helicopter-radar system to be incorporated into German Army reconnaissance operations. Wolfram Klaar. illus map Def Elect 11: 33-34+ Oct '79

What, the Deuce! (F-102s modified to fly as drones at Holloman AFB, NM) Capt Katie Cutler. illus Airman 23:21-26 May '79

DRUG ADDICTS

DOD urinalysis policy. TIG Brief 31:9-10 Nov 2 '79

RehabilitationSee also

Rehabilitation

Corrective action in a civilian drug or alcohol abuse related problem. TIG Brief 31:10 Feb 9 '79

Problems to anticipate with the growth of marijuana smoking. Hardin B. Jones. illus Aerosp Safety 35: 18-24 May '79; TAC Attack 19:18-22 Nov '79

War in Europe: The enemy is troop drug use. Marion M. Corddry. illus tab Army 29:34-37 Jan '79

DRUGS

Aviator's guide to self-medication. CAPT Frank E. Dully, Jr and LT Lawrence H. Frank. (Adapted from Approach, May 1979) illus MAC Flyer 26: 13-14 Dec '79

DRUGS - Continued

Cardiorespiratory assessment of decongestant-antihistamine effects on altitude, $+G_z$, and fatigue tolerances. Michael T. Lategola and others. tabs Aviation, Space & Envmt Med 50:101-109 Feb '79

Cost of drug prosecutions may rise. AF Times 40:12 Sep 3 '79

Crackdown on 'casual' pot smokers. Don Mace. AF Times 40:6 Nov 5 '79

DOD reverses policy--'preservice' pot smokers may enlist. Jay Finegan. AF Times 40:2 Nov 19 '79

Drug abuse: Something you can't ignore. SGM Bruce N. Bant. illus Soldiers 34:5-10 Feb '79

Drug conference (DOD's 1st Drug/Alcohol Conference, Washington, Sep 1979) a success. Rosemary Purcell. AF Times 40:22 Oct 8 '79

Effect of alcohol and marijuana on eye movements. Robert W. Baloh and others. illus tabs Aviation, Space & Envmt Med 50:18-23 Jan '79

Effects of altitude and two decongestant-antihistamine preparations on physiological functions and performance. E. A. Higgins and others. tabs Aviation, Space & Envmt Med 50:154-158 Feb '79

Eglin (AFB, FL) drug program proves surprise. Jim I. Swinson, Jr. AF Times 40:22 Nov 26 '79

Getting the maximum out of your drug abuse investigative resources. TIG Brief 31:5 Nov 16 '79

Gin and ... soda? Col William F. Belk. illus Aerosp Safety 35:18-20 Dec '79

A kind of war--the Coast Guard and drug interdiction. Charles N. Dragonette. illus Sea Power 22:16-18 Aug '79

LSD users can get lighter raps than pot heads. M. L. Craver. AF Times 39:1+ Jan 29 '79

O'seas mail still screened. AF Times 40:4 Aug 13 '79

Pharmacy and Therapeutics Committee: A valuable management tool. TIG Brief 31:11 May 4 '79

Pharmacy controlled-drug security. TIG Brief 31:14 Nov 2 '79

Pot detector (ESCO): 'Limited, but useful.' AF Times 40:13 Aug 20 '79

DRUGS - Continued

Problems to anticipate with the growth of marijuana smoking. Hardin B. Jones. illus Aerosp Safety 35:18-24 May '79; TAC Attack 19:18-22 Nov '79

War in Europe: The enemy is troop drug use. Marion M. Corddry. illus tab Army 29:34-37 Jan '79

Laws and Regulations

Limiting court-martial jurisdiction: A continuing process. Col Earl E. Hodgson. AF Law Rev 20, No. 3:256-285 '78

DRY DOCKS see Docks

DUAL-BASING see Deployment

DUKES, Harry L., Jr

Managing installation logistics support. BrigGen Harry L. Dukes, Jr. Army Log 11:26-31 Sep-Oct '79

DUNCAN, Charles W., Jr

Air Force higher education. (Excerpts from remarks, graduating class of the Air Force Institute of Technology, Wright-Patterson AFB, OH, Dec 15, 1978) Charles W. Duncan, Jr. AF Plcy Ltr for Comdrs: Sup No. 3:31-33 Mar '79

U.S., Soviet education. (Edited from address, AFIT, Dec 1978) Charles W. Duncan, Jr. AF Times 39:14+ Jan 8 '79

Du PONT, Samuel F.

Admiral Samuel F. Du Pont, the Navy Department, and the attack on Charleston, April 1863. Gerald S. Henig. Nav War Col Rev 32:68-77 Feb '79

DUTY AND RESPONSIBILITY, MILITARY

Dropouts should pay back Services. Len Famiglietti. AF Times 40:4 Nov 5 '79

Education and military commitment. Oscar Grusky. tabs Armed Forces & Soc 6:132-147 Fall '79

Moving or anything? Take care of kids. Len Famiglietti. AF Times 40:2 Dec 17 '79

TAC vetoes LDOs (Limited Duty Officers). AF Times 40:43 Aug 6 '79

EFTS see Electronic Funds Transfer System

EAKER, Ira C.

- A bad week--and why. LtGen Ira C. Eaker, Ret. AF Times 40:17-18 Nov 26 '79
- Defense budget shortages. LtGen Ira C. Eaker, Ret. AF Times 40:13-14 Aug 27 '79
- Diminishing space program. LtGen Ira C. Eaker, Ret. AF Times 39:15-16 Feb 26 '79
- Doing something about energy (AFLC). LtGen Ira C. Eaker, Ret. AF Times 40:13-14 Jul 30 '79
- The Egypt-Israel Peace Treaty. LtGen Ira C. Eaker, Ret. Natl Def 64:12 Jul-Aug '79
- The Flying Fortress and the Liberator. LtGen Ira C. Eaker, Ret. por Aerosp Hist 26:66-68 Jun '79
- The Joint Chiefs on SALT II. LtGen Ira C. Eaker, Ret. AF Times 40:15-16 Aug 6 '79
- The MX missile decision. LtGen Ira C. Eaker, Ret. AF Times 39:13-14 Jul 9 '79
- The military and unionization. LtGen Ira C. Eaker, Ret. AF Times 39:13-14 Jun 11 '79
- Military manpower crisis. LtGen Ira C. Eaker, Ret. AF Times 39:13-14 Jul 23 '79
- Pentagon's pressing priorities. LtGen Ira C. Eaker, Ret. Natl Def 64:22 Nov-Dec '79
- Present status of military manpower. LtGen Ira C. Eaker, Ret. AF Times 40:21-22 Dec 10 '79
- Russia responsible for U.S. crises. LtGen Ira C. Eaker, Ret. AF Times 40:11-12 Dec 31 '79
- Special medal honors Gen Eaker as pioneer. por AF Times 40:8 Dec 31 '79

EARS

- Aeromedical aspects of otolaryngology. H. H. Hanna. Aviation, Space & Envt Med 50:280-283 Mar '79
- In-flight measures of stress reduction due to wearing expandable foam earplugs. H. Wichman and others. tab Aviation, Space & Envt Med 50:898-900 Sep '79
- The medical effects of blast overpressure. Col Leslie B. Altstatt and others. illus Fld Arty J 47:9-12 Mar-Apr '79

EARTHQUAKES see Disasters

ECCLES, Henry E.

- Strategy--the theory and application. RADM Henry E. Eccles, Ret. Nav War Col Rev 32:11-21 May-Jun '79

ECOLOGY see Environment

ECONOMIC AID TO FOREIGN COUNTRIES

Latin America

- Why U.S. influence is declining in Latin America. Bonner Day. map illus tabs AF Mag 62:52-57 May '79

Third World

- Aid and assistance to developing nations. George F. Brown, Jr. Nav War Col Rev 32:93-101 Sep-Oct '79

ECONOMIC AID TO FOREIGN COUNTRIES - Continued

Turkey

- Strengthening our Turkish partner: Germany spearheading the effort. Walter Leisler Kiep. illus NATO's Fifteen Nations 24:18-19 Jun-Jul '79

ECONOMIC ANALYSIS

- Economic analysis: What, when, who, why. TIG Brief 31:19-20 Apr 6 '79
- The economics of arms control. Roger Zane George. tabs Intl Sec 3:94-125 Winter '78-'79
- Financial analysis and DOD contractors. BrigGen George William Miller III. illus Armed Forces Compt 24:4-7 Feb '79
- The military-industrial complex: A debate. Productivity in American industry is deflated. Seymour Melman. illus tabs Def Mgt J 15:3-6 Mar-Apr '79
- State economic planning: A comparative study of Western Europe and the United States. Martin J. Murray and others. J Pol & Mil Sociol 7:15-34 Spring '79

ECONOMICS

- Alliance security issues: Today and tomorrow--the economic dimensions. Martin J. Hillenbrand. illus NATO's Fifteen Nations 24:122-124+ Oct-Nov '79
- Economic strategy. Regular feature in some issues of Defense & Foreign Affairs Digest
- The organization of authority in the capitalist state. Nancy Ditomaso. J Pol & Mil Sociol 6:189-204 Fall '78
- The strategic dependence of the industrial world. Phillip Crowson. illus tabs NATO's Fifteen Nations 24:32-33+ Jun-Jul '79

ECUADOR

Politics and Government

- Latin America: Ecuador's move toward democracy. David Harvey. Def & For Aff Dig 7, No. 3:32-33 '79

EDMONDS, Walter E.

- Professional Military Comptroller School (Air University, Maxwell AFB, AL). por AF Compt 13:40-41 Oct '79

EDUCATION

United States

- Being both dedicated and informed. (Presentation, Minden High School Graduating Class, Minden, LA, May 25, 1979) LtGen A. W. Braswell. AF Ploy Ltr for Comdrs: Sup No. 9:30-34 Sep '79
- Education supplement. AF Times 39:16p sup opposite p 36 Apr 9 '79; 40:12p sup opposite p 38 Sep 10 '79
- GI Bill extension faces opposition. AF Times 40:3 Oct 15 '79
- Logistics education and training--thoughts on improving business logistics education and academic industry interaction. William Dempsey and Richard A. Lancioni. illus Log Spectrum 13:29+ Summer '79

EDUCATION - ContinuedUnited States - Cont'd

Senate panel (Budget Committee) rejects GI Bill boost bid. Larry Carney. AF Times 40:6 Aug 27 '79

Senate panel (Veterans Affairs Committee) OKs boost in GI Bill. Larry Carney. AF Times 40:6 Aug 20 '79

Some want GI Bill restored. Tom Philpott. AF Times 40:1+ Nov 26 '79

VA 'will go all the way' to boost GI Bill. Larry Carney. AF Times 40:42 Dec 10 '79

The Veterans' Educational Assistance Program. Colin R. Doane. Air Def Mag, p 29, Oct-Dec '79

Vietnam vets: Some benefits ending--10 years up for GI Bill. AF Times 39:6 Mar 26 '79

Will service excuse college loans? AF Times 40:6 Nov 19 '79

EDUCATION (DEPENDENTS)

Attitudes are the key to energy awareness. Capt James F. McEvoy. illus AF Engrg & Svcs Qtr 20:14-17 Aug '79

Costs

O'seas school construction \$\$ cut. AF Times 39:12 Feb 19 '79

EDUCATION, MILITARY see

Education, Scientific
Education, Technical
Education and Training

EDUCATION, SCIENTIFICArmy--U. S.

To conserve fighting strength. (Academy of Health Sciences) Janet Hake. illus Soldiers 34:16-19 Jun '79

EDUCATION, TECHNICALSee also

Retraining Program

U.S., Soviet education. (Edited from address, AFIT, Dec 1978) Charles W. Duncan, Jr. AF Times 39:14+ Jan 8 '79

Air Force--U. S.See also

Community College of the Air Force

Air Force technical training. (Presentation, Dallas-Fort Worth Chap, Air Force Assoc, Carswell AFB, TX, June 23, 1979) MajGen Charles L. Donnelly, Jr. AF Plcy Ltr for Comdrs: Sup No. 9:22-29 Sep '79

(Gen Lew) Allen decries education drop. illus AF Times 40:8 Dec 24 '79

Armed Forces--U. S.

Electronic warfare simulation--the cost-effective way to train operators and test equipment. Gowri S. Sundaram. illus Intl Def Rev 12, No. 8:1391-1395 '79

EDUCATION, TECHNICAL - ContinuedArmy

Simulators in weapon training--some proposals from Giravions Dorand. P. de Guillenschmidt. illus Intl Def Rev 12, No. 7:1227-1232 '79

Army--U. S.

Air Defense Artillery (ADA) training developments. LtCol Richard B. Wessling, Jr. illus tabs Air Def Mag, pp 12-19, Oct-Dec '79

Africa

Logistics support at little or no cost: A new concept. Sydney Eckman. illus map Log Spectrum 13:41-44 Fall '79

United States

Continuing engineering education. John P. Klus. illus tab Mil Engr 71:178-181 May-Jun '79

Should the U.S. settle for second place? C.W. Borklund. illus Govt Exec 11:30+ Nov '79

EDUCATION AND TRAININGSee also

On-the-Job Training
Retraining Program
Training Aids

also specific types of centers and schools, e.g.,
Medical Centers and Schools
Officer Candidate Schools
Transportation Centers and Schools

also as a subdivision under specific subjects,
e.g.,

Pilots--Education and Training

Centralized management of training. TIG Brief 31:14 Apr 20 '79

Air Force--Great Britain

Education and military commitment. Oscar Grusky. tabs Armed Forces & Soc 6:132-147 Fall '79

Air Force--U. S.See also

Air Force Academy
Air Force Institute of Technology
Air Training Command
Air War College
Airman Education and Commissioning Program
Fighter Weapons School
Flight Training
Leadership and Management Development Center
Officer Training School

also subdivision Education and Training under the following subjects,

Air Crews
Navigators
Pilots

Air Force higher education. (Excerpts from remarks, graduating class of the Air Force Institute of Technology, Wright-Patterson AFB, OH, Dec 15, 1978) Charles W. Duncan, Jr. AF Plcy Ltr for Comdrs: Sup No. 3:31-33 Mar '79

Are you prepared to go TDY to school? TIG Brief 31:13-14 Sep 7 '79

BMT (Basic Military Training): Something old, something new. Maj Charles G. Tucker. illus AF Mag 62:78-81 Aug '79

EDUCATION AND TRAINING - ContinuedAir Force--U.S. - Cont'd

Education and hikes: Move made to cut link. Len Famiglietti. AF Times 39:4 Jun 11 '79

The education and training program. (Presentation, Subcommittee on Manpower and Personnel, Senate Armed Services Committee, March 21, 1979) MajGen Charles G. Cleveland. tabs AF Plcy Ltr for Comdrs: Sup No.6:7-18 Jun '79

The efficiency-effectiveness balance. (Presentation, Gulf Coast Chap, Air Force Assoc, Keesler AFB, MS, May 23, 1979) Gen B.L. Davis. AF Plcy Ltr for Comdrs: Sup No.8:17-21 Aug '79

Enhancing your base level M/A (Management/Analyses) functions--SAC did ... and it did! Maj J.E. Key. illus AF Compt 13:36-38 Jan '79

Guam--twelve o'clock, 200 miles. (SAC diversified training mission) Maj Douglas B. Aitken. illus Combat Crew 29:10-13+ Nov '79

How to identify educational requirements. TIG Brief 31:4 May 18 '79

Is your training meeting its objectives? TIG Brief 31:20 May 4 '79

Jan 1 Air Staff TRAINING (ASTRA) deadline. AF Times 40:4 Dec 10 '79

LIFT (Lead-In Fighter Training) molds the fighter force. illus AF Times 40:44 Sep 3 '79

PME: What's wrong with filling a square? TIG Brief 31:6 Aug 17 '79

Seasoning the sergeants. Maj Charles G. Tucker. illus AF Mag 62:68-72 Apr '79

Train to operate safely. Capt Ed Ransford. illus Interceptor 21:5 Aug '79

Ways to get and keep recruits sought. Len Famiglietti. AF Times 39:2 Apr 2 '79

Costs

PME schools in funds bind. Interview. MajGen Charles G. Cleveland. AF Times 39:4 Apr 9 '79

Armed Forces -- Germany (Federal Republic)

Effects of military service on the political socialization of draftees. Roland Wakenhut. Trans by Rolf A. Trautsch. tabs Armed Forces & Soc 5:626-641 Summer '79

From Scharnhorst to Schmidt: The system of education and training in the German Bundeswehr. Hans Eberhard Radbruch. tabs Armed Forces & Soc 5: 606-625 Summer '79

Armed Forces--Russia

Air Force higher education. (Excerpts from remarks, graduating class of the Air Force Institute of Technology, Wright-Patterson AFB, OH, Dec 15, 1978) Charles W. Duncan, Jr. AF Plcy Ltr for Comdrs: Sup No. 3:31-33 Mar '79

The Army, a school of life. MajGen V. Luzherenko. illus Soviet Mil Rev No. 12:29-31 Dec '79

Man and equipment. MajGen A. Mliovidov. Soviet Mil Rev No. 12:11-12 Dec '79

EDUCATION AND TRAINING - ContinuedArmed Forces--Russia - Cont'd

Moulding of moral and fighting qualities. Col Ye. Fedotov. Soviet Mil Rev No. 12:9-10 Dec '79

The other side of detente. Stanley H. Kober. AF Mag 62:82-84 Oct '79

A political personnel training centre (Lenin Military-Political Academy). illus Soviet Mil Rev No. 12: 5-8 Dec '79

Russian military education. Col Richard G. Head. illus Mil Rev 59:14-16 Feb '79

Soviet military cadres during the war (WW II). Gen I. Shkadov. illus Soviet Mil Rev No. 4:2-6 Apr '79

Soviet military education. Col Richard G. Head. illus tabs AU Rev 30:45-57 Nov-Dec '78

Soviet military pedagogy. Col N. Fedenko. Soviet Mil Rev No. 8:28-29 Aug '79

Training of political workers. MajGen V. Korolenko. Soviet Mil Rev No. 4:34-35 Apr '79

Armed Forces--U.S.

Changing dimensions of military professionalism: Education and enlightened advocacy. LtCol Sam C. Sarkesian, Ret. illus Mil Rev 59:44-56 Mar '79

Education supplement. AF Times 39:16p sup opposite p 36 Apr 9 '79; 40:12p sup opposite p 38 Sep 10 '79

Teach our officers how to fight. Col W. L. Traynor, Ret. MarCor Gaz 63:30+ Nov '79

Costs

Dropouts should pay back Services. Len Famiglietti. AF Times 40:4 Nov 5 '79

Armed Forces--Warsaw Pact

The collective treatment of defence in the Warsaw Pact states. F. Rubin. RUSI J for Def Studies 123: 43-49 Dec '78

Army--Australia

Australian Armoured Centre. Capts John Muir and David W. Marlin. illus Armor 88:34-38 Nov-Dec '79

Army--Great Britain

"Serve to lead"--the Royal Military Academy, Sandhurst. Col Norman L. Dodd, Ret. illus chart Mil Rev 59:51-63 Feb '79

Army--Russia

Field training standard. ColGen V. Merimsky. illus Soviet Mil Rev No. 12:16-18 Dec '79

Socialist competition: The "X" factor of Soviet military training. Maj David T. Twining. illus Mil Rev 59:35-39 Jul '79

Training and indoctrination of the Soviet soldier. Capt Richard L. Dean. illus Fld Arty J 47:8-12 Nov-Dec '79

Army--Switzerland

ELSAP 2000: A turret simulator for tank-crew training. Maj E. Stettler. illus tab Intl Def Rev 12, No. 3:406-410 '79

EDUCATION AND TRAINING - ContinuedArmy--U.S.See also

Armor--Education and Training
 Armored Centers and Schools
 Army Field Artillery School
 Army War College
 Command and General Staff College
 Infantry Centers and Schools
 Military Academy, West Point, NY

Affiliation: Key to improved readiness. LtCol Merrill B. Burruss. illus tab Fld Arty J 47:38-41 Jan-Feb '79

Air assault. SP5 William J. Pickett. illus Soldiers 34:6-9 Jan '79

Aviation training management. LtCol Jim Lloyd. illus USA Avn Dig 25:6-8 Jul '79

Basic training: Basically a waste? Pvt P.W. Hewett. Armed Forces J Intl 117:30 Oct '79

Continuous operations in Europe: Feasibility and the effects of leadership and training. Frederick J. Manning. Parameters 9:8-17 Sep '79

Deployment training. LtCol Bruce H. Ellis and Maj Ray E. Porter III. illus Fld Arty J 47:47-49 Mar-Apr '79

Fulfilling mission means being ready to fight anytime, anywhere. Gen Edward C. Meyer. illus Army 29: 18-21 Oct '79

Help for Soldiers' Manuals? MSgt Fred E. Kirtchen. illus Mil Rev 59:33-37 Jun '79

NCO's first step. PFC Dave Johnson. illus Soldiers 34:24-25 Apr '79

The "nuclear" ARTEP in USAREUR--an idea whose time has come. LtCol Robert B. Rosenkranz. illus tab Fld Arty J 47:16-19 Jul-Aug '79

OCS (Order, Character, Strength). MSgt Matt Glasgow. illus Soldiers 34:13-19 Sep '79

One station unit training for ADA. Col Russell W. Parker and 1stLt Lary D. Reed. illus Air Def Mag, pp 24-25, Oct-Dec '79

The soldier remains our ultimate weapon. SMA William A. Connelly. illus Army 29:23-24 Oct '79

TEC (Training Extension Course)--the new dimension. Maj Joseph E. Nickens, Sr. illus Mil Rev 59:68-74 May '79

Teaching today's soldier. Dorothy J. Edwards. illus Army Log 11:14-16 Nov-Dec '79

A total force training strategy. Col Irving Heymont, Ret. illus Mil Rev 59:14-21 Sep '79

Training key to success of force modernization. Gen Donn A. Starry. illus Army 29:30-34 Oct '79

Training management: As seen by the commander. Capt Edward Maher. illus Armor 88:60-61 Jul-Aug '79

Training management: As seen by the S-3. Maj V. Paul Baerman. illus Armor 88:58-59 Jul-Aug '79

Underwater warriors--Special Forces Scuba School. MSgt Matt Glasgow. illus Soldiers 34:14-16 Jul '79

EDUCATION AND TRAINING - ContinuedArmy--U.S. - Cont'dDirectories

(Army) schools and centers. Army 29:110-111 Oct '79

Equipment

Low light level television for training. Maj Patrick H. Orell. illus Armor 88:10-11 Sep-Oct '79

Marine Corps--U.S.See also

Marine Corps Development and Education Command

CMC reports on a lean, tough, ready Corps suffering somewhat from budget cutting. (4th annual State of the Corps message) Gen Louis H. Wilson. illus tabs MarCor Gaz 63:26-36 Apr '79

Favorable court ruling on Vieques suit. L. Edgar Prina. illus Sea Power 22:51-52 Oct '79

"Gas!" It's your turn to act! Sgt J.C. Wiegand. MarCor Gaz 63:23 Dec '79

Is Marine Corps officer education an institution for ignorance? Capt Hugh K. O'Donnell, Jr. MarCor Gaz 63:39-43 Mar '79

Let squad leaders do training. Capt James W. Dubik. MarCor Gaz 63:18-20 Dec '79

The Marine Corps' War College. Maj M.T. Hopgood, Jr. illus tab MarCor Gaz 63:26-32 Jun '79

More than mailorder courses (MCI, Marine Corps Institute). Lee Hughes. illus MarCor Gaz 63:20-22 Feb '79

Opposed landings--Vieques: The Navy comes under 'constant bombardment.' James D. Hessman. illus Sea Power 22:12-16 Mar '79

Something for everyone (at the Marine Corps Air Ground Combat Center). Capt R.A. Stewart. MarCor Gaz 63:19-30 Jun '79

Specialized training for the Marine Infantry officer. Maj B. Victor Taylor. illus MarCor Gaz 63:35-38 Jan '79

Tales from the Lejeune woods. Fred Reed. illus AF Times, Times Magazine sup:4-10 Feb 19 '79

Training recruits is great duty. Capt J.M. Himes. illus MarCor Gaz 63:21-22 Mar '79

History

Remembering an old Packard. Col Tom D. Parsons. MarCor Gaz 63:21-24 Jul '79

National Guard--Air Force--U.S.

ANG lands at Valley Forge. TSgt John Bunker. illus Air Reservist 31:12-14 Oct '79

Big 'D' school. SMSgt Gerald H. Smith. illus Air Reservist 31:12-13 May '79

The Castle (AFB, CA) connection. SMSgt Gerald H. Smith. illus Air Reservist 31:12-13+ Feb '79

Snowbirds flock to Tucson. SMSgt Gerald H. Smith. illus Air Reservist 31:8-9 Apr '79

EDUCATION AND TRAINING - ContinuedNational Guard--Army--U. S.

AT '79 proves "a little different" as Rhode Island engineers "go south." SSgt John P. Leistriz. illus Natl Guard 33:10-11 May '79

Affiliation: Key to improved readiness. LtCol Merrill B. Burruss. illus tab Fld Arty J 47:38-41 Jan-Feb '79

At the Army Guard's "little red school house" for technicians (National Guard Professional Education Center). Capt Peter D. Fox. illus Natl Guard 33:10-12 Jul '79

Reserves at (Fort) Benning (GA)--IOBC short course. 2dLt Dale Wilson. illus Soldiers 34:31-32 Jul '79

History

General Marshall's unpublished message to the Guard (at NGAUS convention, Baltimore, Oct 27, 1939). Gen George C. Marshall. illus Natl Guard 33:14-17+ Sep '79

Navy--Great Britain

Educational standards in the Services. Comdr G. A. S. C. Wilson. RUSI J for Def Studies 124:55-58 Sep '79

Navy--Russia

Future officers' training. Capt M. Grigoryan. Soviet Mil Rev No. 4:15-16 Apr '79

Navy--U. S.See also

Naval Academy, Annapolis, Md
Naval Postgraduate School
Naval War College

Favorable court ruling on Vieques suit. L. Edgar Prina. illus Sea Power 22:51-52 Oct '79

How the Navy is tapping management potential. John Walker Hartigan. illus Def Mgt J 15:28-33 Jul-Aug '79

Opposed landings--Vieques: The Navy comes under 'constant bombardment.' James D. Hessman. illus Sea Power 22:12-16 Mar '79

Reserve Forces--Air Force--U. S.

Air Reserves "rotate in" (and out of Howard AFB, CZ). illus Translog 10:6-8 Jan '79

A gathering of legal eagles. (Judge Advocate General's Annual Survey of Law, Judge Advocate School, Maxwell AFB, AL) illus Air Reservist 31:8-9 Feb '79

Reserve Forces--Armed Forces--NATO

NATO and the National Guard. James B. Deerin. illus maps Natl Guard 33:6-11+ Feb '79

Reserve Forces--Armed Forces--U. S.

Criteria for training and mobilizing the Ready Reserve. John R. Brinkerhoff and Capt John T. Andrews. tabs illus Def Mgt J 15:10-14 May-Jun '79

Reserve Forces--Army--U. S.

Reserves at (Fort) Benning (GA)--IOBC short course. 2dLt Dale Wilson. illus Soldiers 34:31-32 Jul '79

EDUCATION AND TRAINING - ContinuedReserve Forces--Marine Corps--U. S.

Closing the Reserve training gap. Capt G. I. Wilson. MarCor Gaz 63:35 May '79

EDUCATION AND TRAINING, OFF-DUTYArmed Forces--U. S.

Degree programs get closer check. AF Times 39:7 Jul 23 '79

Education supplement. AF Times 39:16p sup opposite p 36 Apr 9 '79; 40:12p sup opposite p 38 Sep 10 '79

Graduate degrees: To pursue or forget. J. Conrad Glass, Jr and Col Richard M. Ripley, Ret. illus tabs Mil Rev 59:73-78 Feb '79

Off-duty education and the officer corps. Capt Michael A. Lytle. illus Mil Rev 59:24-29 Aug '79

EDUCATIONAL LEVEL OF MILITARY PERSONNEL

Air Force higher education. (Excerpts from remarks, graduating class of the Air Force Institute of Technology, Wright-Patterson AFB, OH, Dec 15, 1978) Charles W. Duncan, Jr. AF Plcy Ltr for Comdrs: Sup No. 3:31-33 Mar '79

Education and hikes: Move made to cut link. Len Famiglietti. AF Times 39:4 Jun 11 '79

(Gen Lew) Allen decries education drop. illus AF Times 40:8 Dec 24 '79

U.S., Soviet education. (Edited from address, AFIT, Dec 1978) Charles W. Duncan, Jr. AF Times 39:14+ Jan 8 '79

EDUCATIONAL TECHNOLOGY

Help for Soldiers' Manuals? MSgt Fred E. Kirtchen. illus Mil Rev 59:33-37 Jun '79

EFFECTIVENESS REPORTS

A new approach to performance evaluation and recognition. Thomas J. Gelh. illus Def Mgt J 15:3-6 Jan '79

Air Force

AFOSI investigation of APR/OER forgeries. TIG Brief 31:6 Feb 9 '79

ASTRA (Air Staff TRaining program) officers due OERs instead of TRs. AF Times 39:11 May 14 '79

Management by objectives and performance appraisal. Capt James S. Seevers. AU Rev 30:35-39 Sep-Oct '79

The military performance report--a discussion of communicative strategy. BrigGen R. E. Chapman. illus AF Compt 13:24-25 Jul '79

95 percent of new O-6s had 1s on last OER. tabs AF Times 39:3 Jan 29 '79

OER variations charged. M. L. Craver. AF Times 40:5 Oct 15 '79

Army

A challenge to the system: Leadership selection. Maj James Talley. illus Mil Rev 59:29-33 Jan '79

Countdown to the new OER. USA Avn Dig 25:36-37 Apr '79

EFFECTIVENESS REPORTS - ContinuedArmy - Cont'd

Introducing the new OER. Maj Charles R. Steiner, Jr. illus Soldiers 34:20-21 Oct '79

Is new evaluation system answer? Col James H. Kuhn. illus Officer 55:11 Nov '79

Should a wife be considered in her husband's ratings? No. Elizabeth S. Wallace. illus AF Times, Times Magazine sup:15-16 Feb 5 '79

Should a wife be considered in her husband's ratings? Yes. Col William J. Taylor, Jr. illus AF Times, Times Magazine sup:14+ Feb 5 '79

Reserve Forces--Air Force

The OER system ... help make it work. Maj Garry R. Mitchelmore. Air Reservist 31:7 Oct '79

EFFICIENCY

The Archives: Government's troubled information manager. John F. Judge. Govt Exec 11:13+ Sep '79

Effects of women on group performance in a traditionally male occupation: The case of U.S. Army. E.M. Schreiber and John C. Woelfel. tabs J Pol & Mil Sociol 7:121-134 Spring '79

The efficiency-effectiveness balance. (Presentation, Gulf Coast Chap, Air Force Assoc, Keesler AFB, MS, May 23, 1979) Gen B.L. Davis. AF Plcy Ltr for Comdrs: Sup No. 8:17-21 Aug '79

For want of a nail--off-base crash response. LtCol Cleveland Simpson. illus Aerosp Safety 35:26-27 Jul '79

From Federal offices to rehab rowhouses: This city (Baltimore) makes it happen. illus Govt Exec 11:16-18+ Nov '79

Increasing efficiency and building an image. LtCol Joseph L. Hicks. illus AF Engrg & Svcs Qtr 20:10-12 Aug '79

Leadership, discipline, airmanship. Col Robert D. Anderson. illus TAC Attack pt 1, 19:26-27 Nov '79; pt 2, 19:24-25 Dec '79

NARS (National Archives and Records Service): An accurate cost measure of word processing for managers. tab Govt Exec 11:18+ Sep '79

The ten commandments for aviation survival. Maj David V. Froehlich. Aerosp Safety 35:9-11 Jul '79

Then & now. Anchar F. Zeller. illus Aerosp Safety 35:2-3 Jul '79

EFFICIENCY RATINGS see

Airman Performance Reports
Effectiveness Reports

EGYPT

Egypt revitalizes its defense industry. Gregory Copley. Def & For Aff Dig 7, No. 9:32+ '79

Foreign RelationsIsrael

The Egypt-Israel Peace Treaty. LtGen Ira C. Eaker, Ret. Natl Def 64:12 Jul-Aug '79

Libya

Libya: Military spearhead against Sadat? Dennis Chaplin. illus Mil Rev 59:42-50 Nov '79

EGYPT - ContinuedHistory

Nizam--Egypt's Army in the 19th century. David Nicolle. Army Qtr pt 1, 108:69-78 Jan '78; pt 2, 108:177-187 Apr '78

EISEMAN, Ben

Planning for future combat casualty care. RADM B. Eiseaman. por US Nav Inst Proc 105:117-119 Jun '79

EISENHOWER, Dwight D.

Was Eisenhower a genius? George H. Quester. Intl Sec 4:159-179 Fall '79

EJECTIONSee also

Parachute Jumping

The decision to eject. LtCol Bill Young. illus TAC Attack 19:22-23 Apr '79

Eject or die. Capt S.R. Vaughan. illus Aerosp Safety 35:20-21 Nov '79

Ejection problems and injuries: Their causes, effects and treatments, and suggestions for preventive measures. Cornel Fleming. Aviation, Space & Envmt Med 50:829-833 Aug '79

Emergency ground egress--how important is it? MSgt Charles Gillespie. illus Interceptor 21:10-11 Sep '79

Farms for sale. R. C. Delgado. illus tabs Aerosp Safety 35:6-7 Jul '79

Spinal injuries in the F/FB-111 crew escape system. Leon E. Kazarian and others. illus tabs Aviation, Space & Envmt Med 50:948-957 Sep '79

The ultimate decision. Maj Roger L. Jacks. illus Aerosp Safety 35:24-25 Sep '79

EJECTION EQUIPMENT

Aircraft egress system item shelf/service life extensions. TIG Brief 31:6 Aug 3 '79

Egress update--B-52. Fred Buck. illus Combat Crew 29:12-14 Jan '79

Ejection problems and injuries: Their causes, effects and treatments, and suggestions for preventive measures. Cornel Fleming. Aviation, Space & Envmt Med 50:829-833 Aug '79

Emergency ground egress--how important is it? MSgt Charles Gillespie. illus Interceptor 21:10-11 Sep '79

Maintenance and Repair

Annotation of AFTO Form 100A/781E, 'Accessory Replacement Record.' TIG Brief 31:8 Feb 9 '79

Testing

A-10 canopy-off tests. Wendell H. Shawler. illus TAC Attack 19:10-12 Oct '79

ELECTIONSSee also

Voting

The power tables: Significant elections and changes in governments in the past year. Regular feature in some issues of Defense & Foreign Affairs Digest

ELECTRIC EQUIPMENT

Electric safety on a ship. Capt Yu. Grudin. illus Soviet Mil Rev No. 2:22-23 Feb '79

ELECTRIC POWER PLANTS

Solar photovoltaic power station activated. illus Signal 34:84 Oct '79

ELECTRICITY

Electricity and you! illus TAC Attack 19:10-12 May '79

JP-4 + air + spark = disaster. (Reprinted from Air-scoop, Feb 1979) illus Interceptor 21:10-11 May '79

'Shocking blow' to military electronics. (Electrostatic discharge) Owen J. McAteer. illus tabs Mil Elect/Countermeasures 5:59-63 Jun '79

ELECTROMAGNETIC COMPATIBILITY

Radio spectrum management training. Charles L. Hutchison. illus Signal 33:43-44+ Jul '79

ELECTRONIC AIDS TO NAVIGATION

GPS (Global Positioning System) is on the ground. Leonard J. Jacobson. illus Signal 33:47-48 Mar '79

ELECTRONIC COUNTERMEASURES

ALQ-131 MTBF/production orders grow. illus Def Elect 11:40-41 May '79

ASPJ (Advanced Self Protection Jammer)--needs get dearer, awards get nearer. Coleman Rogers. illus Mil Elect/Countermeasures 5:56+ Jan '79

ASPJ: Lift-off. illus Mil Elect/Countermeasures 5:76 Apr '79

ASPJ--the 5% solution. CAPT Walter G. Carlson. illus Sea Power 22:40-42 Oct '79

ASPJ: What's happening. Coleman Rogers. illus tabs Mil Elect/Countermeasures 5:72-76 Nov '79

Camouflage: Survival costume. David Harvey. illus Def & For Aff Dig 7, No. 10:15-17+ '79

Com-jam lessons learned. Capt Charles E. Kistler III and August A. Giuliani. illus USAF Ftr Wpns Rev, pp 14-17, Fall '79

Coordinating with NORAD for ECM clearances. Capt John B. Linnstaedt. illus map Navigator 26:21-23 Summer '79

Counter-C³. Nicholas Yaru and Arleigh E. Roberson. illus Signal 33:24-27 Mar '79

Counter-C³ systems from Fairchild Camera. Gowri S. Sundaram. illus Intl Def Rev 12, No. 3:427-431 '79

Countermeasures from Elettronica. Gowri S. Sundaram. illus Intl Def Rev 12, No. 8:1396-1398 '79

ECM pods in the USAF. Gowri S. Sundaram. illus Intl Def Rev 12, No. 5:775-778 '79

ESM (Electronic Support Measures) in today's Navy. illus Mil Elect/Countermeasures 5:32+ Aug '79

EW's new dimension. BrigGen Albert N. Stubblebine III. Signal 33:36-38 Mar '79

ELECTRONIC COUNTERMEASURES - Continued

Electronic warfare and Counter-C³: Big boost for "soft kills." Benjamin F. Schemmer. illus Armed Forces J Intl 116:34-35+ Apr '79

Electronic warfare at sea. CAPT William Ruhe, Ret. illus Sea Power 22:37-42 Oct '79

F-4G Advanced Wild Weasel. Charles R. Hart and John J. Harty. illus Navigator 26:16-18 Summer '79

The "friendly enemy." (17th Defense Systems Evaluation Sq) 1stLt Duane W. Deal. illus Interceptor 21:10-15 Feb '79

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 62:106 Mar '79

The lightning's hour: A report on the electronic battlefield. Harry F. Eustace. illus Def & For Aff Dig 7, No. 11:6-9+ '79

New hardware. Regular feature in some issues of Military Electronics/Countermeasures

On a sacred mission. (Wild Weasels are a legend in air warfare) Capt Dick Sheffield. illus Airman 23:21-28 Jul '79

The Rapport airborne EW system. Gowri S. Sundaram. illus Intl Def Rev 12, No. 2:278-280 '79

Target: The spoken word. LtCol Don E. Gordon. illus Army 29:20-24 Sep '79

Trends in protected communications. (Convention panel, AFCEA, Washington, June 20, 1979) George L. Salton and others. illus Signal 33:85-95 Aug '79

UKADGE (UK Air Defense Ground Environment) updates--the UK re-thinks its radar defenses. illus Intl Def Rev 12, No. 5:771-774 '79

Working in conditions of intensive interferences. LtCol A. Polyakov. illus Soviet Mil Rev No. 8:20-21 Aug '79

ELECTRONIC DATA PROCESSING SYSTEMSSee also

Computers

Digital Equipment

AF: Short circuit in computer work. Len Famiglietti. AF Times 40:2 Dec 31 '79

Army designs new centralized data base (Program and Budget Accounting System). Bobby A. Derrick. illus Armed Forces Compt 24:12-14 Nov '79

Bridging the ADP gap. Alan Bauman. illus US Nav Inst Proc 105:105-106 Jun '79

Configuration management in the 1990s and beyond. Alan E. Lager. Def Sys Mgt Rev 2:30-37 Summer '79

DPI (Data Processing Installation) management--an AFLC prototype. Capt Edward A. Cecconi. illus AF Compt 13:10-12 Jul '79

Data automation needs a management system. John M. Leaman. illus Armed Forces Compt 24:26-29 Aug '79

Data processing chargeback: A realistic model for information value. Sandra M. Hill. illus Armed Forces Compt 24:12-14 May '79

ELECTRONIC DATA PROCESSING SYSTEMS -

Continued

- Directorate of Computer Resources. BrigGen Robert E. Chapman. illus AF Compt 13:22 Oct '79
- Federal policy and the private sector. ADM Jon L. Boyes, Ret. Signal 33:124-125 May-Jun '79
- Information--the fourth resource. Robert Maxwell. illus Armed Forces Compt 24:10-11+ May '79
- Innovations in AFCOMS data processing. A. L. Allen. map Review 58:51-52+ Sep-Oct '79
- Internetting and ADP bolster strategic C³. Richard Hartman. illus Def Elect 11:54-56+ Sep '79
- JURIS: Automating legal research. tab Govt Exec 11:42+ Nov '79
- Megabit-level magnetic bubble memory impacts military computer systems. Bernard C. Cole. illus tabs Def Elect 11:69-70+ Sep '79
- Notes from the Director of Computer Resources. BrigGen R.E. Chapman. illus AF Compt 13:22 Jan '79
- Notes from the Director of Computer Resources. BrigGen Robert E. Chapman. illus AF Compt 13:20 Apr '79
- Notes from the Director of Computer Resources. BrigGen Robert E. Chapman. illus AF Compt 13:35 Jul '79
- Spacelab payload--data acquisition and communications. O.C. Jean and J.M. Rives. illus (Also cut-away) Signal 33:34-38 Feb '79
- The tough task of White House information automation. illus Govt Exec 11:26-27 Sep '79
- Upgrading Federal computers through existing systems. Roger Cooper. Govt Exec 11:42+ Aug '79

ELECTRONIC EQUIPMENT

See also specific types of equipment, e.g.,

Computers
Detection Equipment
Electronic Receiving Equipment
Electronic Transmitting Equipment
Fuses, Electronic
Semiconductor Devices

- Advances in phase-matched multiplexers. Peter M. LaTourrette. illus Mil Elect/Countermeasures 5:70+ Sep '79
- (Aeronautical Systems Division) Interview. BrigGen Melvin F. Chubb, Jr. illus Mil Elect/Countermeasures 5:12+ Feb '79
- Arm wrestling with industry: Pentagon antes \$200 million for fast ICs. Harry F. Eustace. illus tab Elect Warfare/Def Elect 11:39-42+ Jan '79
- Army beefing up intelligence capabilities. illus Def Elect 11:55-56+ Jun '79
- Army electronics future mirrored in chip program. Murry Shohat. illus Mil Elect/Countermeasures 5:41-43 Jul '79
- Comm noises spark new system. TSgt O.H. Davis. AF Times 40:32 Nov 5 '79
- Communications--electronics digest, monthly review of developments. Regular feature in issues of Signal

ELECTRONIC EQUIPMENT - Continued

- Consumer electronics: The military marketplace--an analysis of the issues. C.C. Halbak. illus Review 58:24-26+ May-Jun '79
- Counter-C³ systems from Fairchild Camera. Gowri S. Sundaram. illus Intl Def Rev 12, No. 3:427-431 '79
- Defense electronics perspective. Regular feature in issues of Defense Electronics
- Defense electronics R&D roundup. Regular feature in issues of Defense Electronics
- Digital bearing discriminator details divulged. illus tabs Def Elect 11:33-36 Aug '79
- EW essential for FPBs (Fast Patrol Boats). Richard Hartman. illus Elect Warfare/Def Elect 11:55-56+ Jan '79
- EW/IR systems from Selenia. Gowri S. Sundaram. illus Intl Def Rev 12, No. 6:1026-1030 '79
- Electronic warfare. John Marriott. illus NATO's Fifteen Nations 24:67-68+ Feb-Mar '79
- Electronic warfare at sea. CAPT William Ruhe, Ret. illus Sea Power 22:37-42 Oct '79
- Exploring microwave technologies @ 30-300 GHz. Bill Walsh. illus tabs Mil Elect/Countermeasures 5:82+ Oct '79
- First annual Defense Electronics Marketing Directory and Buyer's Guide. tabs Elect Warfare/Def Elect 11:BG1-40 Mar '79
- Hybrid circuit selection criteria for modernizing older systems detailed. Howard K. Dicken. illus tabs Def Elect 11:79+ Sep '79
- The lightning's hour: A report on the electronic battlefield. Harry F. Eustace. illus Def & For Aff Dig 7, No. 11:6-9+ '79
- Mil IC directory. illus tabs Mil Elect/Countermeasures 5:35+ Aug '79
- Military integrated circuits & hybrids. tabs Mil Elect/Countermeasures 5:35+ Feb '79
- Navy concentrating on guided missile destroyers/frigates. Richard Hartman. illus tab Def Elect 11:62-65 Jul '79
- New hardware. Regular feature in some issues of Military Electronics/Countermeasures
- Overseas consumer electronics. C.C. Halbak. Review 58:29-30+ Sep-Oct '79
- The real world of make believe--simulation's role in national preparedness. David Harvey. illus Def & For Aff Dig 7, No. 7:10-11+ '79
- SDMS and Udicon--two shipboard data communications systems. Gowri S. Sundaram. illus Intl Def Rev 12, No. 3:377-379 '79
- Selenia: Blending technology to meet operational needs. Harry F. Eustace. illus Elect Warfare/Def Elect 11:86-89 Apr '79
- 'Shocking blow' to military electronics. (Electrostatic discharge) Owen J. McAteer. illus tabs Mil Elect/Countermeasures 5:59-63 Jun '79

ELECTRONIC EQUIPMENT - Continued

UK AEW--Nimrod system looks like being first in Europe. Dan Boyle. *illus Intl Def Rev* 12, No. 3: 372-376 '79

Vehicle support for electronics installation personnel. TIG Brief 31:12 Sep 21 '79

"... work the people problem in a coupling of the technology." Interview. Walter B. LaBerge. *illus Armed Forces J Intl* 117:20+ Dec '79

Characteristics

Countermeasures from Elettronica. Gowri S. Sundaram. *illus Intl Def Rev* 12, No. 8:1396-1398 '79

Exhibitions

AFCEA '79: Accent on C3I. *illus Intl Def Rev* 12, No. 7:1189-1194 '79

MECOM '79: The Middle East Electronic Communications Show (Bahrain, April 1979). Esmond Ward. *illus Interavia* 34:705-706 Jul '79

MEDE: Military Electronics Defence Expo '79. *illus Interavia* 34:1197-1200 Dec '79

MEDE (Military Electronics Defense Exhibition) '79 (Sep 25-27) preview: What's new at Wiesbaden? *illus Aerosp Intl* 15:9-10+ Aug-Sep '79

MEDE '79: Focus on sensors. *illus Intl Def Rev* 12, No. 9:1515-1522 '79

Military electronics on show. (Military Electronics Defence Expo (MEDE), Wiesbaden, Ger, Sep 26-29, 1978) *illus NATO's Fifteen Nations* 23:96+ Dec '78-Jan '79

Paris Air Show (1979): Defense electronics developments steal the show. *illus Def Elect* 11:48-49+ Aug '79

Reliability

Electron devices in anticipated battlefields of the future. Ruth M. Davis. *illus Signal* 33:31-34 Mar '79

Space shuttle redundant computer operation. R. E. Poupard. *illus Signal* 33:41-44 Feb '79

Testing

Electronic warfare simulation--the cost-effective way to train operators and test equipment. Gowri S. Sundaram. *illus Intl Def Rev* 12, No. 8:1391-1395 '79

ELECTRONIC EQUIPMENT (AIRCRAFT)

ALQ-131 MTBF/production orders grow. *illus Def Elect* 11:40-41 May '79

Airborne comint improvements pushed: Guardrail improvements and deficiencies spur new initiatives. *illus tab Def Elect* 11:61-62 Jun '79

CNI (Communications, Navigation and IFF) 1990. Richard Hartman. *illus Elect Warfare/Def Elect* 11:68-70+ Apr '79

Countermeasures from Elettronica. Gowri S. Sundaram. *illus Intl Def Rev* 12, No. 8:1396-1398 '79

The EA-6B weapon systems trainer. Murry Shohat. *illus Mil Elect/Countermeasures* 5:50+ Apr '79

ECM pods in the USAF. Gowri S. Sundaram. *illus Intl Def Rev* 12, No. 5:775-778 '79

ELECTRONIC EQUIPMENT (AIRCRAFT) - Continued

Electronic maps for tomorrow's cockpits. Murry Shohat. *illus Mil Elect/Countermeasures* 5:58+ Mar '79

Modernized Cobra. Col Robert P. St. Louis. *illus USA Avn Dig* pt 1, 24:2-7 Jan '78; pt 2, 24:19-25 Feb '78; pt 3, 24:8-13 Mar '78; Update. 25:25-45 Oct '79

New hardware. Regular feature in some issues of Military Electronics/Countermeasures

Offshore patrol. *illus tab Intl Def Rev* pt 1, Aircraft. 12, No. 5:787-794+ '79; pt 2, Surface craft. 12, No. 8:1341-1350 '79

The Rapport airborne EW system. Gowri S. Sundaram. *illus Intl Def Rev* 12, No. 2:278-280 '79

Retrofits keep Navy F-4Js combat ready. *illus Elect Warfare/Def Elect* 11:62-64+ Apr '79

TEREC--the USAF's Tactical Electronic REConnaissance system. Gowri S. Sundaram. *illus Intl Def Rev* 12, No. 1:118-120 '79

USAF's Electronically Agile Radar (EAR) for strategic bombers. Gowri S. Sundaram. (Reprinted from *International Defense Review*, Vol 11, No. 7, 1978) *illus Navigator* 26:14-15 Summer '79

ELECTRONIC EQUIPMENT (SPACE VEHICLES)

Cosmic radiation effects in spacecraft microelectronics. D. Howard Phillips. *illus tabs Mil Elect/Countermeasures* pt 1, 5:88-92 Aug '79; pt 2, 5:87-88+ Sep '79

Spacelab payload--data acquisition and communications. O. C. Jean and J. M. Rives. *illus (Also cut-away) Signal* 33:34-38 Feb '79

ELECTRONIC EQUIPMENT, MINIATURE

Defense microelectronics. Regular feature in Defense Electronics

Mil IC directory. *illus tabs Mil Elect/Countermeasures* 5:35+ Aug '79

Military integrated circuits & hybrids. *tabs Mil Elect/Countermeasures* 5:35+ Feb '79

Military microcircuit activity. Regular feature in issues of Military Electronics/Countermeasures

Military microcircuits: Failure analysis at RADC (Rome Air Development Center). Ed Doyle, Jr. *illus Mil Elect/Countermeasures* 5:75-79 Feb '79

Peripheral chips reduce burden on microprocessors. Joseph H. Kroeger. *illus Def Elect* 11:67-72+ Jul '79

ELECTRONIC FUNDS TRANSFER SYSTEM

Banks making inroads into food stores. Goody L. Solomon. *AF Times* 39:64 May 14 '79

Electronic pay system passes test. *AF Compt* 13:15 Jan '79

New payroll system tested for civilians. *AF Times* 40:3 Sep 10 '79

ELECTRONIC INDUSTRY AND TRADE

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

ELECTRONIC INDUSTRY AND TRADE - Continued

New products and technology. Regular feature in some issues of Interavia

UKADGE (UK Air Defense Ground Environment) updates--the UK re-thinks its radar defenses. illus Intl Def Rev 12, No. 5:771-774 '79

View from the top. (Interviews with outstanding executives in the electronic field) Regular feature in issues of Military Electronics/Countermeasures

Directories

First annual Defense Electronics Marketing Directory and Buyer's Guide. tabs Elect Warfare/Def Elect 11:BG1-40 Mar '79

Exhibitions

AFCEA '79: Accent on C3I. illus Intl Def Rev 12, No. 7:1189-1194 '79

MEDE: Military Electronics Defence Expo '79. illus Interavia 34:1197-1200 Dec '79

MEDE (Military Electronics Defense Exhibition) '79 (Sep 25-27) preview: What's new at Wiesbaden? illus Aerosp Intl 15:9-10+ Aug-Sep '79

MEDE '79: Focus on sensors. illus Intl Def Rev 12, No. 9:1515-1522 '79

Military electronics on show. (Military Electronics Defence Expo (MEDE), Wiesbaden, Ger, Sep 26-29, 1978) illus NATO's Fifteen Nations 23:96+ Dec '78. Jan '79

Canada

CAE moves up in simulators. May Willmot. illus Interavia 34:319-320 Apr '79

Europe, Western

Special report: Defense electronics exports. illus tabs Def Elect 11:58-62+ May '79

Italy

Countermeasures from Elettronica. Gowri S. Sundaram. illus Intl Def Rev 12, No. 8:1396-1398 '79

EW/IR systems from Selenia. Gowri S. Sundaram. illus Intl Def Rev 12, No. 6:1026-1030 '79

Selenia: Blending technology to meet operational needs. Harry F. Eustace. illus Elect Warfare/Def Elect 11:86-89 Apr '79

United States

ASPJ: Lift-off. illus Mil Elect/Countermeasures 5:76 Apr '79

Impact of OMB Circular 109 on the electronics industry. P.R. Calaway. Def Elect 11:66-67+ Dec '79

Top management's role in defense technology development for electronics. Kenneth C. Mundell. Signal 33:29-30 Jul '79

What's happening in electronics at ESD: A checklist of major electronics projects. Table only. AF Mag 62:51-53 Jul '79

Directories

Mil IC directory. illus tabs Mil Elect/Countermeasures 5:35+ Aug '79

ELECTRONIC INDUSTRY AND TRADE - ContinuedUnited States - Cont'dDirectories - Cont'd

Military integrated circuits & hybrids. tabs Mil Elect/Countermeasures 5:35+ Feb '79

U.S. integrated circuit sources. Def Elect 11:83-84+ Sep '79

ELECTRONIC RECEIVING EQUIPMENT

Adaptive pulse preprocessing optimizes ESM receivers. James Van Cleave. illus Elect Warfare/Def Elect 11:77+ Mar '79

(Alaska Meteor Burst Communications System: AMBCS and the SNOw TELelemetry--SNOTEL) Signal 33:154 Jan '79

Digital IFM receiver planned for the '80s is ahead of schedule. Dean Heaton and David King. illus tab Def Elect 11:71-72+ Aug '79

EW applications of new dual-gate GaAs FETs. Robert J. Hamilton, Jr and Northe K. Osbrink. illus tab Def Elect 11:101-104+ Sep '79

Multiplexers for ESM receivers. Peter M. LaTourrette. illus Elect Warfare/Def Elect 11:65-66+ Jan '79

Synthesized tuners use digital techniques. Gordon Larsen. illus tab Def Elect 11:97-100 Sep '79

ELECTRONIC RESEARCH

Defense electronics R&D roundup. Regular feature in issues of Defense Electronics

Electronic warfare and the strategic management of national resources. David Harvey. illus Def & For Aff Dig 7, No. 11:16-18+ '79

The imperatives of electronic superiority. Ruth M. Davis. illus tab AF Mag 62:55-59 Jul '79

Our dependence on electronics. (Remarks, Electronic Industries Assoc, Configuration and Data Management Workshop, Philadelphia, PA, Oct 23, 1978) LtGen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup No. 1:16-22 Jan '79

ELECTRONIC SECURITY COMMAND

Comptroller activities at major commands: USAF Security Service. Col Duane E. Oyler. illus AF Compt 13:6-9 Jul '79

Not just for tourists. (Key West, FL, is home of the .6947th Electronic Security Sq) Capt Katie Cutler. illus Airman 23:29-33 Sep '79

USAF Security Service. illus chart AF Mag 62:96-97 May '79

ELECTRONIC SWITCHING see Switching SystemsELECTRONIC SYSTEMS DIVISIONSee also

Rome Air Development Center

Our dependence on electronics. (Remarks, Electronic Industries Assoc, Configuration and Data Management Workshop, Philadelphia, PA, Oct 23, 1978) LtGen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup No. 1:16-22 Jan '79

ELECTRONIC SYSTEMS DIVISION - Continued

What's happening in electronics at ESD: A checklist of major electronics projects. Table only. AF Mag 62:51-53 Jul '79

ELECTRONIC TRANSMITTING EQUIPMENT

(Alaska Meteor Burst Communications System: AMBCS and the SNOw TELEmetry--SNOTEL) Signal 33:154 Jan '79

ELECTRONIC WARFARESee also

Electronic Countermeasures

Another point of view about electronic warfare. Capt Palmer Brown. illus MarCor Gaz 63:43-46 Apr '79

Defeating the EW threat. Capt R.A. Stewart. MarCor Gaz 63:14-15 Feb '79

Defense electronics perspective. Regular feature in issues of Defense Electronics

Defense electronics review. Regular feature in issues of Defense Electronics

ELF (Extremely Low Frequency) in warfare. CAPT William J. Ruhe, Ret. Signal 33:19-20+ Jan '79

EW essential for FPBs (Fast Patrol Boats). Richard Hartman. illus Elect Warfare/Def Elect 11:55-56+ Jan '79

EW/IR systems from Selenia. Gowri S. Sundaram. illus Intl Def Rev 12, No. 6:1026-1030 '79

Electron devices in anticipated battlefields of the future. Ruth M. Davis. illus Signal 33:31-34 Mar '79

The electronic battlefield. illus tabs Def Elect 11:44-46+ Jun '79

Electronic environments. Regular feature in some issues of Defense & Foreign Affairs Digest

Electronic warfare. John Marriott. illus NATO's Fifteen Nations 24:67-68+ Feb-Mar '79

Electronic warfare and Counter-C³: Big boost for "soft kills." Benjamin F. Schemmer. illus Armed Forces J Intl 116:34-35+ Apr '79

Electronic warfare and the strategic management of national resources. David Harvey. illus Def & For Aff Dig 7, No. 11:16-18+ '79

Electronic warfare initiatives. LtGen Lawrence A. Skantze. illus AF Mag 62:77-82 Jul '79

Electronic warfare integration & planning. Gen Alton D. Slay. illus Signal 33:16+ Mar '79

Electronic warfare round-up. Regular feature in some issues of International Defense Review

Field deployable simulation adds training realism. Harold D. Burns. illus Def Elect 11:70+ Jun '79

The growing, changing role of C³I. Edgar Ulsamer. illus AF Mag 62:36-40+ Jul '79

The lightning's hour: A report on the electronic battlefield. Harry F. Eustace. illus Def & For Aff Dig 7, No. 11:6-9+ '79

Man/machine interface in EW simulation. David L. Adams. illus Elect Warfare/Def Elect 11:71-72+ Jan '79

ELECTRONIC WARFARE - Continued

NEETS: The Naval Electronic Environment Training System. illus Mil Elect/Countermeasures 5:54-56 Oct '79

Navy surface EW: Lots of attention in chip program. Murry Shohat. illus Mil Elect/Countermeasures 5:80+ Aug '79

New DOD emphasis on electronic warfare and "counter C³" at budget crossroads. Benjamin F. Schemmer. illus tab Armed Forces J Intl 116:14-15+ Feb '79

Selenia: Blending technology to meet operational needs. Harry F. Eustace. illus Elect Warfare/Def Elect 11:86-89 Apr '79

Target: The spoken word. LtCol Don E. Gordon. illus Army 29:20-24 Sep '79

Thomson debuts new pods for Mirage. illus Def Elect 11:48 May '79

The U.S. Army doctrine for the electronic battlefield. illus tabs Def Elect 11:44-46+ Jun '79

The U.S. Navy: Electronic warfare. Norman Polmar. US Nav Inst Proc pt 1, 105:137-138 Oct '79; pt 2, 105:121-123 Nov '79

The U.S. Navy's role in C³ in EW. VADM James D. Watkins. Signal 33:41-42+ Mar '79

Study and Teaching

Electronic warfare simulation--the cost-effective way to train operators and test equipment. Gowri S. Sundaram. illus Intl Def Rev 12, No. 8:1391-1395 '79

Remote to Las Vegas. (Tolicha Peak Electronic Warfare Range uses TDY personnel from Nellis AFB, NV) Capt Katie Cutler. illus Airman 23:31-37 Apr '79

Terminology

Selected Soviet electronic warfare associated phrases: Russian definitions give a hint as to Soviet military thinking. illus Def Elect 11:41+ Dec '79

ELECTRONICSSee also

Avionics

The impact of today's electronics technology on systems acquisition. LtGen Robert T. Marsh. Def Sys Mgt Rev 2:97-102 Summer '79

The imperatives of electronic superiority. Ruth M. Davis. illus tab AF Mag 62:55-59 Jul '79

Our dependence on electronics. (Remarks, Electronic Industries Assoc, Configuration and Data Management Workshop, Philadelphia, PA, Oct 23, 1978) LtGen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup No. 1:16-22 Jan '79

Professional employment and military electronics. Arnold R. Deutsch. tab Mil Elect/Countermeasures 5:94-95 Sep '79

The weak link in defense logistics. BrigGen George K. Patterson. illus tab Log Spectrum 12:28-32 Winter '78

What's happening in electronics at ESD: A checklist of major electronics projects. Table only. AF Mag 62:51-53 Jul '79

ELECTRO-OPTICS

New generation IR/EO devices ready for production. Richard Hartman. illus Elect Warfare/Def Elect 11:58-60+ Feb '79

ELLIS, Richard H.

Our greatest need today. (Remarks, AFA Symposium, Los Angeles, Oct 26, 1978) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 1:2-8 Jan '79

Overview statement. (Presentation, Senate Armed Services Committee, Washington, Feb 1, 1979) AF Plcy Ltr for Comdrs: Sup No. 4:15-18 Apr '79

Strategic Air Command. por AF Mag 62:84-86 May '79

U.S. military power in the 1980s. (Presentation, Economic Club of Detroit, May 15, 1979) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 7:17-24 Jul '79

ELLSWORTH, Robert F.

"... beyond cavil, for the Russians will surely cavil." Interview. Robert F. Ellsworth. por Armed Forces J Intl 116:54-57 Jun '79

EMERGENCY RESPONSE CAPABILITY PROGRAM

Domestic C³: An emergency response capability. LtCol Raymond J. Hufnagel, Jr and George O. Selz. Signal 34:54 Nov-Dec '79

EMOTIONS

Outrageous fortune--slings and arrows. Maj Wayne E. Griffith. illus Interceptor 21:5-11 Jun '79

EMPLOYMENT AND UNEMPLOYMENTSee also

Moonlighting

Airline hiring patterns: Recessions slow pace. Bruce Callander. tab AF Times 40:4 Oct 15 '79

Airlines cut back on pilot hiring. M.L. Craver. AF Times 40:1+ Sep 24 '79

Black unemployment: A new perspective. Col Samuel L. Eure. illus Parameters 9:56-63 Jun '79

Does your wife work? Bruce Callander. AF Times 40:7 Dec 17 '79

Employer support of the Guard and Reserve. James M. Roche. illus Def Mgt J 15:8-11 Jul-Aug '79

Equal employment opportunity. (Presentation, Air Force Logistics Command Equal Employment Opportunity Conference, Robins AFB, GA, March 8, 1979) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup No. 10:14-20 Oct '79

Ethics in Government Law amended. Command Plcy 2:8 Sep '79

The Priority Placement Program: The DOD civilian's employment security. H. Adrian Osborne. illus tabs Def Mgt J 15:10-14 Jan '79

Retired U.S. military elites--postmilitary employment and its sociopolitical implications. Doo-seung Hong. tab Armed Forces & Soc 5:451-466 Spring '79

Selling yourself on paper: Resume writing for the military wife. Dawn Sova Gregor. illus AF Times, Times Magazine sup:50-52 Jun 4 '79

EMPLOYMENT AND UNEMPLOYMENT - Continued

The traumatic leap to a civilian job. illus AF Times 39:24 Feb 19 '79

Unemployment restraints on retirees eased in bill. tab AF Times 40:7 Nov 12 '79

Variations in veteran/nonveteran earnings patterns among World War II, Korea, and Vietnam War cohorts. Melanie Martindale and Dudley L. Poston, Jr. illus tabs Armed Forces & Soc 5:219-243 Winter '79

Veteran status, earnings, and race--some long term results. Roger D. Little and J. Eric Fredland. tabs illus Armed Forces & Soc 5:244-260 Winter '79

ENERGY BEAM WEAPONS see Beam WeaponsENERGY CONSERVATIONSee also

Computers--Energy Conservation Applications

Air Force Facility Energy Program. LtCol William R. Gaddie and Capt Thomas F. Wilson. tabs illus AF Engrg & Svcs Qtr 20:6-9+ Nov '79

Army energy savers. SSgt James M. Boersema. illus Soldiers 34:45-48 Nov '79

Army energy to 2000. tabs Army Log 11:17-19 Jan-Feb '79

Attitudes are the key to energy awareness. Capt James F. McEvoy. illus AF Engrg & Svcs Qtr 20:14-17 Aug '79

A closer look at energy conservation. TIG Brief 31:13 Dec 7 '79

Computer flight plans and fuel management. Capt John D. McDermott. illus Navigator 26:28-31 Summer '79

Conserving energy and combat readiness. Bonner Day. illus tabs AF Mag 62:67-71 Oct '79

Defense energy ... an update. George Marienthal. illus tab Command Plcy 2: entire issue Dec '79

Doing something about energy (AFLC). LtGen Ira C. Eaker, Ret. AF Times 40:13-14 Jul 30 '79

EPA: Headed for trouble on trucks and cars. tab Govt Exec 11:32+ Oct '79

Energy conservation and management policy. BrigGen Waymond C. Nutt. AF Plcy Ltr for Comdrs: Sup No. 11:20-24 Nov '79

Energy conservation audit findings. TIG Brief 31:15 Sep 7 '79

Energy--crisis of apathy? tabs Translog 10:2-4 Jun '79

Energy, environment and safety. (Presentation, Subcommittee on Military Construction, House Committee on Appropriations, Feb 28, 1979) MajGen William D. Gilbert. AF Plcy Ltr for Comdrs: Sup No. 5:14-19 May '79

Energy monitoring and control systems. Capt John M. Borky. illus Mil Engr 71:176-177 May-Jun '79

How high is your endurance? LtCol Robert J. Vandenberg. tab Aerosp Safety 35:14-15 May '79

Implementation of energy conservation goals. TIG Brief 31:13 Oct 19 '79

ENERGY CONSERVATION - Continued

Leadership & energy: Profitable conservation, not useless conversation. Frederick Neuman. Govt Exec 11:38+ Jan '79

The oil crisis: Is there a military option? map tabs Def Monitor 8: entire issue Dec '79

Polystyrene foam and its many applications. John Salladay. illus Mil Engr 71:330-332 Sep-Oct '79

Questions and answers to help show how the Guard stretches fuel resources. illus Natl Guard 33:12-13 Aug '79

Reaction to gas crisis--DOD fights paid parking. AF Times 39:14 Jul 2 '79

SAC saving fuel. AF Times 40:35 Sep 17 '79

A small town's (Woodbine, NJ) small gamble pays off. Daniel Guida. illus Govt Exec 11:37+ Oct '79

Straw-colored gold--jet fuel from rocks. LtCol Richard Earl Hansen, Ret. illus AU Rev 31:27-33 Nov-Dec '79

Ways to stretch your gas supply. TIG Brief 31:8 Aug 17 '79

ENERGY CRISIS

DOD's big headache: Lack of \$\$ for fuel. (Interview with George Marienthal) AF Times 39:4+ Jul 16 '79

DOE: Micrometer measured leaps. David Hoffman. Govt Exec 11:31-33 Aug '79

Defense energy ... an update. George Marienthal. illus tab Command Plcy 2: entire issue Dec '79

The Domsday Game. (USFA professors explain the energy crisis with an electronic game) Robert K. Ruhl. illus Airman 23:12-14 Feb '79

Energy--crisis of apathy? tabs Translog 10:2-4 Jun '79

The energy problem revisited. John Patrick Walsh. illus AU Rev 30:15-25 Nov-Dec '78

Is an energy policy possible? Harry H. Wetzel. Govt Exec 11:25+ Nov '79

Leadership & energy: Profitable conservation, not useless conversation. Frederick Neuman. Govt Exec 11:38+ Jan '79

The oil crisis: Is there a military option? map tabs Def Monitor 8: entire issue Dec '79

Reaction to gas crisis--DOD fights paid parking. AF Times 39:14 Jul 2 '79

Services coping with fuel pinch. AF Times 39:22 Jun 11 '79

There's no break on gas prices for military buyers. Suzanne Viau. AF Times 39:14 May 28 '79

U.S. national security and Middle Eastern oil. Maj Robert R. Ulin. illus Mil Rev 59:39-49 May '79

ENERGY POLICYUnited States

DOE: Micrometer measured leaps. David Hoffman. Govt Exec 11:31-33 Aug '79

Energy conservation and management policy. BrigGen Waymond C. Nutt. AF Plcy Ltr for Comdrs: Sup No. 11:20-24 Nov '79

ENERGY POLICY - ContinuedUnited States - Cont'd

Energy--crisis of apathy? tabs Translog 10:2-4 Jun '79

Energy notes. Regular feature in issues of National Defense

The energy problem revisited. John Patrick Walsh. illus AU Rev 30:15-25 Nov-Dec '78

Energy: Unexplored areas. Stefan T. Possony. illus Def & For Aff Dig 7, No. 7:48 '79

Is an energy policy possible? Harry H. Wetzel. Govt Exec 11:25+ Nov '79

U.S. national security and Middle Eastern oil. Maj Robert R. Ulin. illus Mil Rev 59:39-49 May '79

ENERGY RESEARCH

All hands for energy awareness. Dan Hall. illus Translog 10:14-17 Oct '79

Army energy savers. SSgt James M. Boersema. illus Soldiers 34:45-48 Nov '79

DOE: Micrometer measured leaps. David Hoffman. Govt Exec 11:31-33 Aug '79

Defense energy ... an update. George Marienthal. illus tab Command Plcy 2: entire issue Dec '79

Energy--crisis of apathy? tabs Translog 10:2-4 Jun '79

Energy notes. Regular feature in issues of National Defense

The energy problem revisited. John Patrick Walsh. illus AU Rev 30:15-25 Nov-Dec '78

Straw-colored gold--jet fuel from rocks. LtCol Richard Earl Hansen, Ret. illus AU Rev 31:27-33 Nov-Dec '79

ENERGY RESOURCES see Power ResourcesENGINEERING

See also specific types of engineering, e.g.,
Civil Engineering
Military Engineering

Military logistics research and engineering. R. M. Genet, Sr and others. illus Log Spectrum 13:36-40 Fall '79

Study and Teaching

Continuing engineering education. John P. Klus. illus tab Mil Engr 71:178-181 May-Jun '79

More AECP students sought, skills limited. Len Famiglietti. AF Times 39:8 May 7 '79

ENGINEERING RESEARCH

The Navy's NAHBE (Naval Academy Heat Balanced Engine). Jim Stanley. illus Natl Def 63:32-34 Mar-Apr '79

ENGINEERS

Believing is seeing. Rich Johnson. illus Mil Engr 71: 322-324 Sep-Oct '79

Professional employment and military electronics. Arnold R. Deutsch. tab Mil Elect/Countermeasures 5:94-95 Sep '79

ENGINEERS - Continued

Should the U.S. settle for second place? C.W.Borklund. illus Govt Exec 11:30+ Nov '79

Air Force

The AFCE (Air Force Civil Engineer) in a joint environment. Maj Richard L. Brown. illus tabs charts AF Engrg & Svcs Qtr 20:22-28 Nov '79

Air Force real property maintenance. MajGen William D. Gilbert. illus Mil Engr 71:80-81 Mar-Apr '79

Air Force Regional Civil Engineer--ready to help in meeting mission requirements. Col Elo Mussetto. illus AF Engrg & Svcs Qtr 20:34-36 Nov '79

Oversea tour career planning. tabs AF Engrg & Svcs Qtr 20:29-31+ Nov '79

A people oriented search for excellence. (Air Force Regional Civil Engineer) Gary D. Lynn. illus AF Engrg & Svcs Qtr 20:14-16 Feb '79

Personnel outlook: Nine-tenths overcast. Ed Gates. illus AF Mag 62:130-132+ Sep '79

Army

Combat engineers in evolution. Col Claude L. Roberts, Jr and Maj Kent D. Steele, Jr. illus Mil Engr 71:390-393 Nov-Dec '79

The Corps (of Engineers) uses A-E (Architect-Engineer) services. Irvin Bregman and Gerald A. Yager. illus maps Mil Engr 71:15-17 Jan-Feb '79

Facilities engineering at Redstone Arsenal (AL). Paul W. Hancock. Mil Engr 71:104-105 Mar-Apr '79

Making waves and protecting the nation's shorelines: The Coastal Engineering Research Center. Maj Warren S. Lacy. illus Soldiers 34:44-49 Sep '79

Managing the Army's real property. MajGen William R. Wray. illus Mil Engr 71:97-98 Mar-Apr '79

The prudent use of engineers in program management. William C. Wall, Jr. illus Def Mgt J 15: 14-18 Mar-Apr '79

Refurbishing the Army's real property management system. BrigGen Donald G. Weinert, Ret. illus Def Mgt J 14:34-38 Nov '78

The return to Johnstown. Col Max R. Janairo, Jr, Ret. illus Mil Engr 71:32-34 Jan-Feb '79

Coast Guard

Maintaining the Coast Guard's shore plant. RADM Benedict L. Stabile. illus tab Mil Engr 71:106-108 Mar-Apr '79

National Guard--Army

AT '79 proves "a little different" as Rhode Island engineers "go south." SSgt John P. Leistritz. illus Natl Guard 33:10-11 May '79

Navy

Navy facilities engineering operations. RADM Donald G. Iselin. illus map Mil Engr 71:90-92 Mar-Apr '79

Officer structure in the Royal Navy. VADM Louis Le Bailly. Army Qtr 108:433-438 Oct '78

(RADM) Andrew Irwin McKee, naval constructor. CDR John D. Alden, Ret. illus US Nav Inst Proc 105:49-57 Jun '79

ENGINES

See also specific types of engines, e.g.,

Diesel Engines

Gas Turbines

Jet Engines

also subdivision Engines under specific subjects, e.g.,

Airplanes, Fighter--Engines

Airplanes, Military--Engines

Automobiles--Engines

Helicopters, Military--Engines

Automated engine tracking system/lessons learned. TIG Brief 31:21 Dec 7 '79

The Navy's NAHBE (Naval Academy Heat Balanced Engine). Jim Stanley. illus Natl Def 63:32-34 Mar-Apr '79

XM-1 engine failed on average of once every 338 miles in tests. illus Armed Forces J Intl 116:16 May '79

Maintenance and Repair

Processing of reparable life-limited engine components. TIG Brief 31:15 Jul 13 '79

ENLISTED MEN

See also

Airmen

Noncommissioned Officers

Soldiers

Advance housing allowance for EM o'seas pushed. AF Times 39:6 Apr 23 '79

GAO: Trim EM clothing rate. tab AF Times 39:1+ May 7 '79

Give housing preference to lower EM, says GAO. AF Times 40:16 Oct 8 '79

Inflation outpaces pay; EM victims. Tom Philpott. AF Times 39:1+ Jan 8 '79

Jr EM kin travel up to panel (House-Senate conference committee). AF Times 40:3 Oct 1 '79

Sex fraternization: New twist on an old taboo. Lothar H. Wedekind. illus AF Times, Times Magazine sup:6-12 Jun 4 '79

ENLISTMENT see

Recruiting and Enlistment

Reenlistment

ENVIRONMENT

See also

Pollution

AFGL goes beyond earth and sky. illus AF Times 40: 32-33 Aug 27 '79

Air Force architecture: Creative answers through design. Col Sydney E. Key, Ret. illus AF Engrg & Svcs Qtr 20:2-5 May '79

Air Force Regional Civil Engineer--ready to help in meeting mission requirements. Col Elo Mussetto. illus AF Engrg & Svcs Qtr 20:34-36 Nov '79

A competence theory versus need theory of political involvement. Edward G. Carmines. tabs J Pol & Mil Sociol 6:17-28 Spring '78

Controlling clutter or giving design a chance. John B. Zukosky. illus AF Engrg & Svcs Qtr 20:26-29 May '79

ENVIRONMENT - Continued

Cross-country with a BEE (BioEnvironmental Engineers). (Interview with LtCol Ronald D. Burnett) illus Air Reservist 31:16-17 Feb '79

Design art and the quality of facilities. Ferhunde Elgun. illus AF Engrg & Svcs Qtr 20:10-14 May '79

Energy, environment and safety. (Presentation, Subcommittee on Military Construction, House Committee on Appropriations, Feb 28, 1979) MajGen William D. Gilbert. AF Plcy Ltr for Comdrs: Sup No. 5:14-19 May '79

Favorable court ruling on Vieques suit. L. Edgar Prina. illus Sea Power 22:51-52 Oct '79

From the inside out. Gary Lynn. illus AF Engrg & Svcs Qtr 20:15-17+ May '79

Increasing efficiency and building an image. LtCol Joseph L. Hicks. illus AF Engrg & Svcs Qtr 20:10-12 Aug '79

The MX and the environment. (Presentation, Subcommittee on Public Lands of the House Committee on Interior and Insular Affairs, Washington, Oct 2, 1979) Edward A. Miller, Jr. AF Plcy Ltr for Comdrs: Sup No. 12:8-12 Dec '79

Mildew ... waiting for a chance. Ronald V. Claussen. illus Translog 10:4-5+ Mar '79

The U.S. transportation system and the environment. Richard A. Lancioni. illus Log Spectrum 13:45-49 Spring '79

Laws and Regulations

EPA: Headed for trouble on trucks and cars. tab Govt Exec 11:32+ Oct '79

ENVIRONMENTAL PROTECTION AGENCY

Catalytic converters: Auto emission control systems need special care overseas. illus AF Times 39:28 Mar 5 '79

EPA: Headed for trouble on trucks and cars. tab Govt Exec 11:32+ Oct '79

ENVIRONMENTAL PROTECTION RESEARCH

See also related subjects, e.g.,
Clothing, Protective
Desert Operations

Making waves and protecting the nation's shorelines: The Coastal Engineering Research Center. Maj Warren S. Lacy. illus Soldiers 34:44-49 Sep '79

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION

See also
National Oceanic and Atmospheric Administration

EQUAL EMPLOYMENT OPPORTUNITY see Equal Opportunity

EQUAL OPPORTUNITY

Affirmative action in transportation. Debbie Hower-ton. illus Translog 10:1-3 Mar '79

Comments at Tuskegee Institute honoring Black military leaders (Aug 17, 1979). Antonia Handler Chayes. AF Plcy Ltr for Comdrs: Sup No. 10:8-13 Oct '79

EQUAL OPPORTUNITY - Continued

Equal employment opportunity. (Presentation, Air Force Logistics Command Equal Employment Opportunity Conference, Robins AFB, GA, March 8, 1979) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup No. 10:14-20 Oct '79

Equal employment opportunity civil suits: An analysis of their impact. LtCol George M. Nakano. AF Law Rev 20, No. 2:119-161 '78

Equal Employment Opportunity (EEO) counseling functions. TIG Brief 31:17 May 18 '79

Inequality in the military: Implications for organizations, occupational mobility and social stratification. Jon Miller and H. Edward Ransford. tabs J Pol & Mil Sociol 6:65-74; Comment. John Sibley Butler. 6:75-77; Reply. Jon Miller and H. Edward Ransford. 6:79 Spring '78

(M. Kathleen) Carpenter plea: Fight 'new racism.' AF Times 39:6 Jul 23 '79

'Neuterism' aim of DOD's personspeak. Randall Shoemaker. AF Times 39:26 Jan 22 '79

Suit cites job discrimination--wives, retirees charge: Work bias, reprisals for whistle-blowing. Richard C. Barnard. illus AF Times 39:4 Mar 19 '79

Timeliness of EEO complaints. TIG Brief 31:14 Aug 17 '79

Study and Teaching

Changing times. (Race Relations Institute, Patrick AFB, FL) MSgt Matt Glasgow. illus Soldiers 34:37-40 Jul '79

EQUIPMENT

See also subdivision Equipment under specific subjects, e.g.,
Automobiles--Equipment
World War II--Equipment

Weapons, vehicles, equipment. Regular feature in issues of International Defense Review

Hardening

Nuclear survivability of military equipment. Maj J.P. Munnery. illus Intl Def Rev 12, No. 7:1107-1110 '79

Air Force--U.S.

Equipment historical records, AFTO Form 95. TIG Brief 31:13 Jul 13 '79

A 'loaded' question: What's the load limit? TIG Brief 31:8 Oct 19 '79

Materiel teardown requests require thoughtful preparation. TIG Brief 31:17 Feb 23 '79

Review of war readiness spares list. TIG Brief 31:10 Nov 16 '79

Safer 'SAFE' operations. TIG Brief 31:4 Jan 12 '79

Save the failed parts. TIG Brief 31:9 Jul 2 '79

Wires, cables, and harnesses. TIG Brief 31:6 Aug 3 '79

Maintenance and Repair

Aircraft egress system item shelf/service life extensions. TIG Brief 31:6 Aug 3 '79

EQUIPMENT - ContinuedAir Force--U. S. - Cont'dMaintenance and Repair - Cont'd

It takes well-trained people to maintain a high state of readiness. TIG Brief 31:14 Jul 13 '79

Materiel deficiency reporting. TIG Brief 31:8 Nov 16 '79

The Materiel Deficiency Reporting (MDR) program: A maintenance aid. TIG Brief 31:13 Jul 13 '79

Materiel teardown requests require thoughtful preparation. TIG Brief 31:17 Feb 23 '79

Operation and maintenance of degreasers in plating shops. TIG Brief 31:9 Nov 16 '79

Recurring maintenance. TIG Brief 31:14 Feb 23 '79

Reparable asset program. TIG Brief 31:9-10 Mar 9 '79

The USAF materiel deficiency reporting and investigating system: Understanding and using it. TIG Brief 31:9-10 Sep 7 '79

Armed Forces--Europe, Western

European equipment cooperation. Clifford Cornford. illus RUSI J for Def Studies 124:46-49 Mar '79

Armed Forces--Great Britain

Nuclear survivability of military equipment. Maj J.P. Munnery. illus Intl Def Rev 12, No.7:1107-1110 '79

Armed Forces--NATO

Getting traffic moving on NATO's two-way street. Maj Dennis M. Drummond. illus AU Rev 30:26-34 Sep-Oct '79

Armed Forces--Russia

Man and equipment. MajGen A. Milovidov. Soviet Mil Rev No.12:11-12 Dec '79

Armed Forces--U. S.Maintenance and Repair

Sacramento Army Depot--where gremlins fear to tread. MSgt Matt Glasgow. illus Soldiers 34:26-29 May '79

Armed Forces--Warsaw Pact

Motor vehicle standardisation in the Warsaw Pact: Problems and limitations. Lawrence L. Whetten and James L. Waddell. tabs RUSI J for Def Studies 124:55-60 Mar '79

Army--FranceExhibitions

Satory VII. illus tabs Intl Def Rev 12, No.7:1203-1210 '79

Satory VII--spearhead of French arms exports. illus Armed Forces J Intl 116:28 Jun '79

Satory VII: The French armaments industry healthier than ever. Yves Robins. illus NATO's Fifteen Nations 24:63 Jun-Jul '79

Satory VII--the French armaments shop seen from the air. illus Aerosp Intl 15:13-16 Jun-Jul '79

EQUIPMENT - ContinuedArmy--GermanyHistory

SdKfz 251--Schützenpanzerwagen. Robert P. Arnoldt. illus tab Armor 88:26-29 Jan-Feb '79

Army--Great Britain

The combat support boat. Derek I. Knight. illus Mil Engr 71:412-414 Nov-Dec '79

Army--RussiaHistory

Prelude to disaster. Eric J. Grove. illus Armor 88: 15-19 May-Jun '79

Army--Sweden

The Bv 206 oversnow vehicle. illus tab Intl Def Rev 12, No.8:1424-1425 '79

Army--U. S.

Slammer VI. Capt Samuel S. Wood, Jr. illus tab Armor 88:36-37 Mar-Apr '79

Exhibitions

Highlights of the 1978 AUSA Show (Washington, Oct 16-18, 1978). illus Intl Def Rev 12, No. 1: 67-74 '79

Maintenance and Repair

Battlefield recovery. David R. Flyer. illus Army Log 11:36-37 Nov-Dec '79

Dynamic depot. (Red River Army Depot, TX) illus Army Log 11:26-29 May-Jun '79

Have we enough spare parts to win a war? MajGen John G. Hill, Jr. Ret. illus Army 29:34-36 Feb '79

Logistics challenges in the eighties. MajGen Homer D. Smith. illus Army Log 11:18-21 Sep-Oct '79

Low density equipment logistics support. Maj James Brueggeman. tabs Army Log 11:28-31 Mar-Apr '79

Testing

Materiel testing in natural environments. William J. Haslem. illus tab Army Log 11:42-45 May-Jun '79

Test more ... not less. MajGen Patrick W. Powers, Ret. illus tab Natl Def 63:35-37+ Mar-Apr '79

Tropic Test Center (in Panama). Marilyn Chase. illus Soldiers 34:13-15 Nov '79

Coast Guard--U. S.

Coast Guard breaks ice with new 140-foot tugs. LT Michael R. Adams. illus tab US Nav Inst Proc 105: 113-115 Feb '79

Marine Corps--U. S.

It's about time the Corps redesigned personal gear. 1stLt Steven J. Lynn. illus MarCor Gaz 63:52-58 Jul '79

New self-contained, portable laundry/shower facility. illus MarCor Gaz 63:4 Aug '79

National Guard--Air Force--U. S.

Here come the 'H' models. illus Natl Guard 33:18-20 Aug '79

EQUIPMENT - ContinuedNavyExhibitions

Europort (17th International Maritime Exhibition and Conference) 1978. Chris Eliot. illus NATO's Fifteen Nations 23:116-118 Dec '78-Jan '79

Navy--FranceExhibitions

Le Bourget Navale 1978. illus NATO's Fifteen Nations 23:102+ Dec '78-Jan '79

The 1978 French Naval Exhibition. illus tab Intl Def Rev 12, No.1:91-98 '79

Navy--Great BritainExhibitions

Royal Navy Equipment Exhibition '79: A new venue, a new approach. illus Intl Def Rev 12, No.9:1559-1566 '79

Navy--NATO

NATO navies' radars. T. Pretty. tabs NATO's Fifteen Nations 23:120-124 Special Issue '78

EQUIPMENT CONVERSION

This heading is used for re-equipping units with new or different equipment.

It's a PIP! The Army's Product Improvement Program provides an alternative to new development. Col Lloyd A. Gimple. tabs Army Log 11:22-25 May-Jun '79

ESCAPE AND EVASION see Evasion and EscapeESCAPE EQUIPMENTSee also

Ejection Equipment

Death by misadventure. Col W.L. Traynor, Ret. illus MarCor Gaz 63:58-64 May '79

ESPIONAGE

Defense against espionage: What makes a spy? TIG Brief 31:4 Apr 6 '79

Espionage approach techniques not always readily discernible. TIG Brief 31:11-12 Aug 3 '79

Military remain prime targets for espionage recruitment. AF Times 40:4 Aug 20 '79

The Soviet KGB in America. Howard Handleman. AF Mag 62:57-60 Jun '79

The Witzke affair: German intrigue on the Mexican border, 1917-18. Charles H. Harris III and Louis R. Sadler. illus Mil Rev 59:36-50 Feb '79

ESPRIT DE CORPS

A legacy of esprit and leadership. (Address, Army General Staff College, Washington, Jan 18, 1921) MajGen John A. Lejeune. illus MarCor Gaz 63:31-37 Jul '79

ESTIMATE OF THE SITUATION

Commander's foresight in battle. Col B. Loginov. Soviet Mil Rev No.2:38-39 Feb '79

ESTIMATE OF THE SITUATION - Continued

Firing officer's tactical skill. LtCol G. Vladimirov. illus Soviet Mil Rev No.6:14-15 Jun '79

ETHICSSee also

War--Ethical Aspects

An Air Force code of ethics. TIG Brief 31:12 Jun 15 '79; Comment. 31:16 Sep 7 '79

Amendments to the Ethics in Government Act of 1978. TIG Brief 31:17 Sep 7 '79

Avoiding an ethical Armageddon. Maj Allan J. Futernick. illus Mil Rev 59:17-23 Feb '79

Carter acts to clarify impact of ethics law. AF Times 39:8 Apr 23 '79

Easing of ethics rule near. AF Times 39:20 Jun 11 '79

Ethics in Government Law amended. Command Pkcy 2:8 Sep '79

Ethics (in Government) Law blasted. M.L. Craver and Tom Philpott. AF Times 39:3 Mar 19 '79

Ethics--values: Which way? Ch(LtCol) David J. Woehr and others. illus Air Def Mag, pp 27-29, Apr-Jun '79

The good officer. Gen Maxwell D. Taylor, Ret. (Abridged from Army, May 1978) US Nav Inst Proc 105:80-81 Jun '79

Military Code of Ethics: A proposal. LtCol Jack F. Lane, Jr. illus tab Mil Rev 59:64-72 Oct '79

Military ethics in the United States: Closing the gap between civilian and military. Paul R. Schrats and Francis X. Winters. Nav War Col Rev 32:102-109 Sep-Oct '79

White House seeks to ease Ethics Act rules. AF Times 39:2 Apr 9 '79

ETHIOPIA

Realignment in the Horn: The Soviet advantage. Steven David. Intl Sec 4:69-90 Fall '79

Foreign RelationsRussia

The Soviet-Ethiopian liaison--airlift and beyond. Capt Gary D. Payton. illus AU Rev 31:66-73 Nov-Dec '79

EUROCOMMUNISM see Communism--Europe, WesternEUROPE, EASTERNEconomic Conditions

Economic developments in the Eastern Bloc: Is the Soviet web of control tightening? Aurel Braum. illus Parameters 9:46-55 Sep '79

EUROPE, NORTHERNStrategic Importance

The strategic situation in Northern Europe: Improvements vital for NATO. R.D.M. Furlong. illus maps tab Intl Def Rev 12, No.6:899-910 '79

EUROPE, WESTERN

High hopes and expectations. Frederick Bonnard. illus NATO's Fifteen Nations 24:34-36+ Feb-Mar '79

Obligations and uncertainties in the Mediterranean. Gen T.R. Milton, Ret. illus map AF Mag 62:58-63 Sep '79

Description and Travel

APO New York. Steve Abbott. illus Soldiers 34:40-44 Jan '79

Economic Policy

State economic planning: A comparative study of Western Europe and the United States. Martin J. Murray and others. J Pol & Mil Sociol 7:15-34 Spring '79

Foreign RelationsUnited States

Hanging together--reflections on relations between Europe and the United States. Frederick Bonnard. illus NATO's Fifteen Nations 24:39-40+ Aug-Sep '79

Politics and Government

The prospects for a united Europe. (Interview with Joseph Luns) John Barraclough. illus NATO's Fifteen Nations 24:17-18+ Feb-Mar '79

Socialist-Communist convergence in Western Europe. Hans-Joachim Veen. illus Strat Rev 7:63-74 Spring '79

Strategic Importance

Soviet strategy and NATO's northern flank. CAPT William K. Sullivan. illus Nav War Col Rev 32: 26-38 Jul-Aug '79

Von Manstein, "Fall Gelb" and NATO options. Capt Lonnie Otis Ratley III. tabs RUSI J for Def Studies 124:61-65 Mar '79

EUROPEAN COMMAND, ALLIED see Allied Command Europe

EUROPEAN ECONOMIC COMMUNITY

European Commission looks at civil aviation. Bill Sweetman. illus Interavia 34:1143-1144 Dec '79

EVACUATION, CIVILIAN

Evacuation security forces: A tale of courage, ingenuity and perseverance. MajGen R.E. Carey and others. MarCor Gaz pt 1, 31 March-17 April 1975. 63:65-72 May '79; pt 2, 17 April-31 May 1975. 63:60-66 Jun '79

Exodus from Iran. Bonner Day. illus AF Mag 62: 72-75 Jun '79

Injuries in air transport emergency evacuations. Donell W. Pollard. Aviation, Space & Envt Med 50:943-947 Sep '79

Iran evacuation said delayed dangerously. Jim Tice. illus AF Times 39:10+ Apr 9 '79

O'sea kin due evacuation test. Andy Plattner. AF Times 40:4 Aug 27 '79

Panel asks 'modest' plan for nuclear evacuation. AF Times 39:8 Jan 22 '79

EVACUATION, CIVILIAN - Continued

Relief seen for Iran property losses. AF Times 40:9 Sep 10 '79

Report on 'saving' kin o'seas held too brief. AF Times 39:6 Feb 26 '79

EVACUATION, MILITARY

December 1950 at Hungnam. VADM James H. Doyle, Ret and Arthur J. Mayer. illus map US Nav Inst Proc 105:44-55 Apr '79

Evacuation security forces: A tale of courage, ingenuity and perseverance. MajGen R.E. Carey and others. MarCor Gaz pt 1, 31 March-17 April 1975. 63:65-72 May '79; pt 2, 17 April-31 May 1975. 63:60-66 Jun '79

Exodus from Iran. Bonner Day. illus AF Mag 62: 72-75 Jun '79

O'sea kin due evacuation test. Andy Plattner. AF Times 40:4 Aug 27 '79

EVACUATION OF CASUALTIES

See also
Aeromedical Evacuation

EVALUATION (EDUCATION)

Is your training meeting its objectives? TIG Brief 31:20 May 4 '79

EVACUATION OF CASUALTIES

See also
Aeromedical Evacuation

EVASION AND ESCAPE

Cope Thunder SAR ... a chance to test your skill. Capt William C. Vasser. illus TAC Attack 19:4-7 Jan '79

EXAMINATIONS see Tests and Measurements

EXCHANGE PROGRAMS, MILITARY

See also
Allied Military in the U. S.

In the land of the Incas. SSgt Bill Welch. illus Airman 23:16-20 May '79

Living north of the border. Capt Dick Sheffield. illus Airman 23:44-48 Apr '79

EXCHANGESAir Force--U. S.

AAFES in Europe: More satisfied with auto work. AF Times 40:8 Aug 20 '79

Explosives safety in base exchanges. TIG Brief 31:15 Apr 20 '79

Head of BX cautions employees on favors. AF Times 40:18 Dec 10 '79

Armed Forces--Korea (Republic)

BX credit plan starting in Korea. AF Times 40:55 Nov 12 '79

Armed Forces--U. S.

The A to Z of military exchange distribution. Review 58:36-38+ May-Jun '79

EXCHANGES - ContinuedArmed Forces--U. S. - Cont'd

The best for less. SgtMaj Bruce N. Bant. illus Soldiers 34:14-16 Aug '79

The best for the bucks. LtCol Terry A. Arnold. illus Airman 23:34-40 Aug '79

Commissaries and exchanges discussed by military leaders (at American Logistics Assoc Convention, Atlanta, Oct 1978). illus Review 58:34+ Nov-Dec '78

Commissaries, exchanges and national defense. Robert B. Pirie, Jr. illus Review 58:14-15 May-Jun '79

Consumer electronics: The military marketplace--an analysis of the issues. C. C. Halbak. illus Review 58:24-26+ May-Jun '79

Exchanges limit gas sales. Suzanne Viau. illus AF Times 39:4 Apr 2 '79

Exchanges weigh two credit plans. AF Times 39:2 May 21 '79

GAO finds no space-A for o'sea BX goods. Andy Plattner. AF Times 40:2 Sep 3 '79

How AAFES supplies Europe--the overseas distribution system. illus Review 58:38-39 Jul-Aug '79

I'm dissatisfied with our approach. Interview. MajGen Bobby Presley. AF Times 39:10 Jan 1 '79

A new commander sets his course. Interview. BrigGen Duane H. Stubbs. illus Review 58:18-20+ Sep-Oct '79

O'sea BX shoppers to feel funds cut. AF Times 39:3 Jan 29 '79

O'sea BXs to offer credit. Suzanne Viau. AF Times 39:2 Jun 11 '79

Overseas consumer electronics. C. C. Halbak. Review 58:29-30+ Sep-Oct '79

Responsibility for transportation of AAFES goods. TIG Brief 31:19 Aug 17 '79

Retirees selling to PX hard to catch. Suzanne Viau. AF Times 39:3 May 21 '79

Shelves will be barer in o'sea exchanges. Suzanne Viau. AF Times 39:16 May 7 '79

Stores, exchanges to tighten ID use. AF Times 39:8 Jul 9 '79

Time running out at exchange gas stations. Suzanne Viau. AF Times 39:1+ Feb 26 '79

Trucking costs up--higher BX prices seen. Suzanne Viau. AF Times 39:4 Jul 16 '79

Vendor representatives: What's in a name? Review 58:33-34 May-Jun '79

What about the club? Maj Barry D. Guyse. illus tabs AU Rev 30:74-80 Jan-Feb '79

Directories

Directory of military exchanges. Review 58:76+ May-Jun '79

History

Exchanges of the past. SgtMaj Bruce N. Bant. illus Soldiers 34:23-25 Jun '79

EXCHANGES - ContinuedArmy--U. S.

The PX: Shopping your store. SGM Bruce N. Bant. illus Soldiers 34:6-10 Mar '79

Navy--U. S.

Navy exchange customer demographics. Eileen Cummins. tabs Review 58:32-34 Nov-Dec '79

EXECUTIVES

Civilian executive program initiated. AF Times 39:31 Apr 23 '79

The peripatetic manager: Executive rotation at Dahlgren Laboratory. Philip L. Martin. illus Def Mgt J 15:6-13 Sep-Oct '79

EXERCISE

See also
Operation

Arctic Express

Mobility/countermobility in winter warfare. Maj Stephen E. Draper. illus Mil Rev 59:42-49 Apr '79

Autumn Forge

The key is ALCE (AirLift Control Element). SMSgt Dick Larsen. illus Airman 23:38-40 Feb '79

Blue Flag

Blue Flag. Capt Thomas J. Norton. illus AU Rev 30: 58-68 Jan-Feb '79

War in a very small place. (AF trains senior battle managers with Blue Flag exercises at Eglin AFB, FL) Robert K. Ruhl. illus Airman 23:16-20 Aug '79

Brave Shield

Brave Shield 19: The big picture. Maj Ralph Francis. illus Air Reservist 31:8-9 Jun '79

Broken Arrow

Broken Arrow exercises. TIG Brief 31:9 Jan 12 '79

Certain Sentinel

Winter Reforger and Certain Sentinel--the machines and the people. Pictorial. NATO's Fifteen Nations 24:121-124 Apr-May '79

Certain Watch

Interoperability of maintenance support. 1stLt Roger L. Carter. illus tab Army Log 11:14-17 May-Jun '79

Cope Elite

Cope Elite (Army-Air Force exercise in Hawaii). MSgt Tom Jacobus. illus Airman 23:21-28 Mar '79

Cope Thunder

Cope Thunder SAR ... a chance to test your skill. Capt William C. Vasser. illus TAC Attack 19:4-7 Jan '79

Dawn Patrol

Dawn Patrol. Capt Ernie Stepp. illus Air Reservist 31:16 Aug-Sep '79

EXERCISE - ContinuedGallant Eagle

Civilians in fatigues. Richard S. Wellins and Michael G. Rumsey. illus Infantry 69:15-19 Jul-Aug '79

Gallant Eagle '79: Reality and myth. TSgt Michael Hampton. illus Air Reservist 31:6-7 Mar '79

Giant Voice

Giant Voice: Pease (AFB, NH) grabs Fairchild (Trophy). illus AF Times 40:28 Dec 17 '79

Global Shield

When SAC fought back. Capt Katie Cutler. illus Airman 23:21-26 Dec '79

Golden Thunder

Reforger--Golden Thunder I. LtCol Harold V. Floody, Jr. illus Fld Arty J 47:29-32 Jan-Feb '79

Jack Frost

Jack Frost. Maj Don N. Levy and others. illus Air Reservist 31:16-17 Apr '79

Jack Frost '79. SSgt Don Carr. illus Soldiers 34: 41-44 Jun '79

Jack Frost '79--north to Alaska. illus Natl Guard 33:28-30 Mar-Apr '79

Logex

Logex '79--realistic training for logistics managers. illus Army Log 11:24-27 Nov-Dec '79

Logex--training the Army's logistics managers. Martin Reuss. illus Log Spectrum 13:26-28 Fall '79

Medical Red Flag

1st Med(ical) Red Flag held. illus AF Times 40:26 Dec 24 '79

Nifty Nugget

Logistics and force readiness. LtGen Arthur J. Gregg. illus Army Log 11:2-5 Nov-Dec '79

Packard

Remembering an old Packard. Col Tom D. Parsons. MarCor Gaz 63:21-24 Jul '79

Red Flag

'Aggressor' pilots lead a double life. (Interview with Maj Roger Pierce) Len Famiglietti. illus AF Times 39:10 Apr 2 '79

J-CATCH (Joint Countering ATtack Helicopters). Capt Joe Vallimont. illus TAC Attack 19:24-28 Mar '79

Our airmen never forget. (CMSAF Gaylor visits Red Flag to acknowledge enlisted contributions) CMSAF Robert D. Gaylor. illus Airman 23:39 Apr '79

Red Flag. Maj Terrence L. Dillon. illus maps Combat Crew 29:4-7 Aug '79

Red Flag in perspective. Maj Gerald R. Volloy. illus USAF Ftr Wpns Rev, pp 2-5, Spring '79

EXERCISE - ContinuedRed Flag - Cont'd

Red Flag: 'Soviet' air base in the desert. Len Famiglietti. AF Times 39:1+ Mar 26 '79

Red Flag: The closest thing to actual combat without being shot at. John Joss. illus tab Elect Warfare/Def Elect 11:69-70+ Feb '79

Reflections from a Red Flag. Gen T. R. Milton, Ret. illus AF Mag 62:51-55 Jan '79

Remote to Las Vegas. (Tolicha Peak Electronic Warfare Range uses TDY personnel from Nellis AFB, NV) Capt Katie Cutler. illus Airman 23:31-37 Apr '79

Reforger

Autumn Forge 78-- a candid report. William I. Latham. illus Air Def Mag, pp 9-13, Apr-Jun '79

Before we're ready to roll. (100th Transportation Co in Reforger) Capt Michael C. McHenry. illus Translog 10:5-8 Jun '79

Lance tactical concepts: Positioning and movement. Maj Robert H. Kimball. illus Fld Arty J 47:39-43 Jul-Aug '79

Military Airlift Command: The prime mover. William P. Schlitz. illus AF Mag 62:46-52 Feb '79

Reforger. illus Army 29:36-49 Apr '79

Reforger firsts for the 59th (Air Traffic Control Battalion). PFC Patricia Dreher. illus USA Avn Dig 25:12-13 May '79

Reforger--Golden Thunder I. LtCol Harold V. Floody, Jr. illus Fld Arty J 47:29-32 Jan-Feb '79

Reforger interoperability. LtCol R. L. Sloane. illus Armor 88:8-9 Sep-Oct '79

Reforger '78 ... cruisin' the autobahn. illus Air Reservist 31:16-17 Dec '78-Jan '79

Reforger 79. Translog 10: inside front cover Jan '79

Reforger round trip. Frank Costa. illus Translog 10: 15-16 Apr '79

Winter Reforger and Certain Sentinel--the machines and the people. Pictorial. NATO's Fifteen Nations 24:121-124 Apr-May '79

SAREX

SAREX '79. SSgt Mike Lorenz. illus Air Reservist 31:23 Aug-Sep '79

Team Spirit

Team Spirit 1979. illus Natl Guard 33:28-29 Jun '79

EXHIBITIONS see subdivision Exhibitions under specific specific subjects, e. g., Aviation--Exhibitions

EXPLOSIVE ORDNANCE DISPOSAL

Evolving technology in ammunition demilitarization. Frank Crist. illus Army Log 11:6-9 Jan-Feb '79

Explosive Ordnance Disposal (EOD) conference. TIG Brief 31:8 Jan 12 '79

EXPLOSIVE ORDNANCE DISPOSAL - Continued

'Hole' concept guides D-M (Davis-Monthan AFB, AZ, explosive ordnance disposal) unit. Lt Doug Murray, illus AF Times 40:27 Sep 10 '79

This is the kind of job that can explode in your face. SSgt Dave Jackson. AF Times 39:34 Apr 23 '79

Study and Teaching

Bandit Airfield. Capt Carol King. illus USA Avn Dig 25:29-31 Dec '79

EXPLOSIVES AND EXPLOSIONS

Countering the crew-compartment explosion--an automatic fire suppression system from Hughes. R.J.L. Dicker. illus tab Intl Def Rev 12, No.5:816-818 '79

Explosives mishap potential. TIG Brief 31:17 Aug 3 '79

Explosives safety in base exchanges. TIG Brief 31:15 Apr 20 '79

Explosives scrap material. TIG Brief 31:19 Jul 2 '79

Intransit security requirements. TIG Brief 31:12 May 18 '79

Procedures for hazard classification of explosives. TIG Brief 31:17-18 Apr 20 '79

SAFE--a fire and explosion suppression system for combat vehicles. Rudi Meller. illus Intl Def Rev 12, No.1:75-76 '79

Work the hazard, not the waiver! TIG Brief 31:16 Apr 20 '79

EXPORT TRADE see CommerceEYES

Aeromedical implications of the X-Chrom lens for improving color vision deficiencies. Kenneth W. Welsh and others. tabs Aviation, Space & Envmt Med 50:249-255 Mar '79

Effect of alcohol and marijuana on eye movements. Robert W. Baloh and others. illus tabs Aviation, Space & Envmt Med 50:18-23 Jan '79

EYES - Continued

Effects of pseudoephedrine and triprolidine on visual performance. S.M. Luria and others. tab Aviation, Space & Envmt Med 50:1158-1160 Nov '79

Laser eye protection for flight personnel. Gloria Twine Chisum. illus tabs Aviation, Space & Envmt Med 50:239-242 Mar '79

Laser protection eyewear. TIG Brief 31:15 Oct 19 '79

Oculogravic illusion in response to straight-ahead acceleration of a CF-104 aircraft. A.Graybiel and others. illus tabs Aviation, Space & Envmt Med 50:382-386 Apr '79

Optomotion motion sickness: Attenuation of visually-induced apparent self-rotation by passive head movements. Richard A. Teixeira and James R. Lackner. tab Aviation, Space & Envmt Med 50:264-266 Mar '79

Some influences of vision on susceptibility to motion sickness. James R. Lackner and Ashton Graybiel. tabs Aviation, Space & Envmt Med 50:1122-1125 Nov '79

Spectacle inserts for protective masks. TIG Brief 31:14 Dec 7 '79

Spectral composition of the underwater environment and the refractive state of the eye. J.G. Sivak. tab illus Aviation, Space & Envmt Med 50:1099-1101 Nov '79

Survey on eye comfort in aircraft. I: Flight attendants. Weylin G. Eng. tabs Aviation, Space & Envmt Med 50:401-404 Apr '79

Survey on eye comfort in aircraft. II: Use of ophthalmic solutions. Weylin G. Eng. tabs Aviation, Space & Envmt Med 50:1166-1169 Nov '79

Visual recognition thresholds in a compressed air environment. W.W.Banks and others. tabs Aviation, Space & Envmt Med 50:1003-1006 Oct '79

Visual-vestibular interactions. I: Influence of peripheral vision on suppression of the vestibulo-ocular reflex and visual acuity. Fred E. Guedry, Jr and others. illus tabs Aviation, Space & Envmt Med 50:205-211 Mar '79

FAA see Federal Aviation Administration

FAMCAMPS see Recreation

FBI see Federal Bureau of Investigation

FORSCOM see Forces Command

FACSIMILE TRANSMISSION

(Electronic mail delivery system) Signal 33:77 Apr '79

Facsimile system used for secure transmission of documents. Signal 34:92 Oct '79

(The Postal Service and electronic communications) (Industrial luncheon address, AFCEA, Washington, June 21, 1979) William F. Bolger. illus Signal 33:47-50 Aug '79

FAIRCHILD, Muir S.

Gen Muir S. Fairchild: Strategist, statesman, educator. MajGen Haywood S. Hansell, Jr, Ret. por AF Mag 62:72-74 Jan '79

FAIRCHILD, Sherman M.

Aviation Hall of Fame (to enshrine Neil A. Armstrong, Anne M. Lindbergh, Charles F. Kettering, and Sherman M. Fairchild). por AF Times 40:59 Jul 30 '79

FAMILY SERVICES

The ombudsman: Who needs her? Harriet M. Howe. illus US Nav Inst Proc 105:104-107 Feb '79

FATIGUE

Beyond the horizon. illus Interceptor 21:13-15 Mar '79

Cardiorespiratory assessment of decongestant-antihistamine effects on altitude, $+G_z$, and fatigue tolerances. Michael T. Lategola and others. tabs Aviation, Space & Envmt Med 50:101-109 Feb '79

Chronic fatigue. Maj Roger L. Jacks. Aerosp Safety 35:2-4 Jan '79

Continuous operations in Europe: Feasibility and the effects of leadership and training. Frederick J. Manning. Parameters 9:8-17 Sep '79

Effects of altitude and two decongestant-antihistamine preparations on physiological functions and performance. E. A. Higgins and others. tabs Aviation, Space & Envmt Med 50:154-158 Feb '79

Sleep loss--a debt that must be paid. Capt Richard P. Geier. illus Armor 88:37-38 Jan-Feb '79

The way it was: Complacency revisited. LtCol Richard A. Rung. illus Aerosp Safety 35:2-4 May '79

FATIGUE IN METALS see Strains and Stresses

FEDERAL AID

Federal transportation funding: What does the future hold? James C. Johnson. illus Def Trans J 35:35-37 Apr '79

FEDERAL ASSISTANCE PROGRAMS see Federal Aid

FEDERAL AVIATION ADMINISTRATION

Air Route Traffic Control Center (ARTCC) configuration. TIG Brief 31:13 Jan 12 '79

FEDERAL AVIATION ADMINISTRATION - Continued

FAA weathers DC-10 storm. Interavia 34:809-811 Sep '79

Military training routes: Getting information to the public. TIG Brief 31:15 Feb 9 '79

FEDERAL BUREAU OF INVESTIGATION

Deserters proving harder to find. AF Times 39:33 Feb 12 '79

Memorandum of understanding on military deserters. TIG Brief 31:4 Feb 9 '79

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOD to lose civil defense responsibility (to new Federal Emergency Management Agency). AF Times 39:4 Feb 5 '79

Emergency Satellite Communications System (ESCS). Bardyl R. Tirana. illus Signal 34:49-53 Nov-Dec '79

John Macy takes federal oath to head new FEMA agency. illus Def Trans J 35:22+ Oct '79

FEDERAL LABOR RELATIONS AUTHORITY

Interim labor regs due soon--FLRA (Federal Labor Relations Authority) will begin reducing backlog of cases. Don Mace. AF Times 40:6 Jul 30 '79

FEDERAL MARITIME COMMISSION

A common-sense approach to liner shipping policy. (Report, 16th Annual NDTA Transportation Conference, Stuttgart, Ger, April 25, 1979) Karl E. Bakke. Def Trans J 35:25-29 Jun '79

FEDERAL TELECOMMUNICATIONS SYSTEM see Communications Systems--United States

FELLOWSHIPS see Scholarships and Fellowships

FERRYING OF AIRCRAFT

Hurricane convoy. John F. Ohlinger. illus Aerosp Hist 26:148-153 Sep '79

FIBER OPTICS see Optics

FIELD ARTILLERY see Artillery, Field

FIELD TRAINING DETACHMENTS

Field training detachments: Services available. TIG Brief 31:9 Aug 3 '79

FIGHTER UNITS

ADCOM's fighter interceptor squadrons. illus Interceptor 21:5-11+ Jan '79

'Aggressor' pilots lead a double life. (Interview with Maj Roger Pierce) Len Famiglietti. illus AF Times 39:10 Apr 2 '79

49th FIS wins Hughes Trophy. TSgt Mike Bergman. illus Interceptor 21:12-13 Apr '79

Flying 'Maple Flag.' David Healy. illus Aerosp Safety 35:11-13 Nov '79

Increased air-to-air specialization training: An alternative. Maj Donald J. Alberts and Capt Leroy Mock. illus AU Rev 30:2-14 Nov-Dec '78

On a sacred mission. (Wild Weasels are a legend in air warfare) Capt Dick Sheffield. illus Airman 23:21-28 Jul '79

FIGHTER UNITS - Continued

Ready on the border. (USAF's 36th Tactical Fighter Wg at Bitburg AB, Ger, flies F-15s) SMSgt Dave Sheeder. illus Airman 23:41-48 Aug '79

Reflections from a Red Flag. Gen T.R. Milton, Ret. illus AF Mag 62:51-55 Jan '79

TAC's newest members. illus TAC Attack pt 1, 19: 4-7 Oct '79; pt 2, 19:4-7 Nov '79

The 81st Tactical Fighter Wing. F. Clifton Berry, Jr. illus map Armed Forces J Intl 116:18-19 Jun '79

Unit scans skies for 'violators.' illus AF Times 39:16 Jul 2 '79

FIGHTER WEAPONS AND GUNNERY MEETSAir ForceHistory

William Tell ... an ADCOM tradition. illus Interceptor 21:34-35 Jan '79

FIGHTER WEAPONS SCHOOL

The bullet-proof best. Capt Katie Cutler. illus Airman 23:2-7 Jun '79

FILTERS AND FILTRATION

In the dark of day. (Light-Attenuation Devices (LADs) for simulating night illumination conditions) Paul R. Bleda and Col Anthony Labrozzi. illus Infantry 69:32-34 Mar-Apr '79

FINANCESee also

Auditing

Air Force--U.S.See also

Air Force Accounting and Finance Center

AFOs: People managers in a rapidly changing environment. Capt J.M. Lebsack. illus AF Compt 13:34-35 Jan '79

Accounting for Air Force nonappropriated funds--does the comptroller really have a role? LtCol Charles L. Martin, Jr. illus Armed Forces Compt 24:8-11 Feb '79

Air Force discount policy. Stanley B. Kramkowski. illus tabs Armed Forces Compt 24:4-6+ May '79

Auditor General. MajGen Joseph B. Dodds. illus AF Compt 13:32 Oct '79

Directorate of Accounting & Finance. BrigGen George C. Lynch. illus AF Compt 13:27 Oct '79

Directorate of Budget. MajGen George M. Browning, Jr. illus AF Compt 13:21 Oct '79

Directorate of Computer Resources. BrigGen Robert E. Chapman. illus AF Compt 13:22 Oct '79

Directorate of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 13:23 Oct '79

Electronic pay system passes test. AF Compt 13:15 Jan '79

Improved management of expenditures and collections. TIG Brief 31:4 Mar 23 '79

FINANCE - ContinuedAir Force--U.S. - Cont'd

Innovative financial management. Gertrude G. Myers. illus Armed Forces Compt 24:26-29 Feb '79

Notes from the Auditor General. BrigGen Joseph B. Dodds. illus AF Compt 13:32 Jan '79

Notes from the Auditor General. MajGen Joseph B. Dodds. illus AF Compt 13:27 Apr '79

Notes from the Auditor General. MajGen Joseph B. Dodds. illus AF Compt 13:38 Jul '79

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 13:29 Jan '79

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 13:23 Apr '79

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 13:39 Jul '79

Notes from the Director of Budget. MajGen George M. Browning, Jr. illus AF Compt 13:21 Jul '79

Notes from the Director of Budget. MajGen Robert Scurlock. illus AF Compt 13:21 Jan '79

Notes from the Director of Budget. MajGen Robert Scurlock. illus AF Compt 13:19 Apr '79

Notes from the Director of Computer Resources. BrigGen R.E. Chapman. illus AF Compt 13:22 Jan '79

Notes from the Director of Computer Resources. BrigGen Robert E. Chapman. illus AF Compt 13:20 Apr '79

Notes from the Director of Computer Resources. BrigGen Robert E. Chapman. illus AF Compt 13:35 Jul '79

Notes from the Director of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 13:20 Jan '79

Notes from the Director of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 13:21 Apr '79

Notes from the Director of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 13:36 Jul '79

O&M funding. tabs AF Compt 13:14 Jan '79

Operations Budget Review Committee--its power and perseverance. Maj Charles K. Crawford. illus AF Compt 13:10-13 Jan '79

Reimbursements--computerize and simplify. LtCol Edward J.C. Orbock, Jr. illus AF Compt 13:16-19 Jul '79

The resource management system--is it really effective? Capt John R. Biggs. illus AF Compt 13: 32-34 Jul '79

Service--the cornerstone of Accounting & Finance. LtCol C.L. Martin, Jr. illus AF Compt 13:16-19 Jan '79

Organization

(Comptroller organization chart--U.S. Air Force-wide) illus chart AF Compt 13:24-25 Oct '79

FINANCE - ContinuedAir Force--U.S. - Cont'dOrganization - Cont'd

SAF/FM organization. (Asst SecAF/Financial Management) illus chart AF Compt 13:3 Oct '79

Armed Forces--U.S.

Military currency control. LtCol Joseph F. Adams. illus tabs Armed Forces Compt 24:25-31 May '79

Army--U.S.

Army designs new centralized data base (Program and Budget Accounting System). Bobby A. Derrick. illus Armed Forces Compt 24:12-14 Nov '79

United States

Financial analysis and DOD contractors. BrigGen George William Miller III. illus Armed Forces Compt 24:4-7 Feb '79

Municipal finance--picking up where you left off in military comptrollership. Dallas R. Blevins. illus Armed Forces Compt 24:12-14 Feb '79

FIRE CONTROL

Here is entered material on the control of weapon fire. For control of forest, house and similar fires see Fires and Fire Prevention.

The airborne forward air controller--future needs and opportunities. John W. Ellis, Jr. illus AU Rev 30: 38-47 Jan-Feb '79

Controlling Harpoon missile launches. Robert E. Fielding and Ralph L. Boehm. illus Def Elect 11: 40-42+ Jul '79

DRS (Division Restructure Study), a battery commander's perspective. Capt Kenneth R. Knight. illus Fld Arty J 47:44-47 Jan-Feb '79

Divarty (division artillery) aviation--an integral part of the aerial fire support team. Col James F. McCarthy, Sr and Maj Jim S. Hutchinson. illus USA Avn Dig 25:18-20 Mar '79

FIST (Fire Support Team) fire planning or "on time, on target." Capt J.C. Stewart. illus Fld Arty J 47:52-55 Mar-Apr '79

FIST (Fire Support Team) takes to the air. Maj Jim S. Hutchinson. illus USA Avn Dig 25:45-46 Apr '79

Firing officer's tactical skill. LtCol G. Vladimirov. illus Soviet Mil Rev No. 6:14-15 Jun '79

"Quick-fix" delivers FIST (Fire Support Team) now. 2dLt Benjamin P. Dean. Fld Arty J 47:48-49 Jan-Feb '79

TACFIRE. K. Patrick Cathcart. illus Infantry 69:19-21 Sep-Oct '79

TACFIRE does it all. K. Patrick Cathcart. illus Soldiers 34:44-45 Apr '79

TACFIRE, where do we go from here? Maj John E. Martin. illus Fld Arty J 47:8-13 Jan-Feb '79

Study and Teaching

Integrated fire training exercise. (1 Corps Artillery, Republic of Korea Army, 2d annual fire support training exercise, Dec 1978) illus tab Fld Arty J 47:26-27 Jul-Aug '79

FIRE CONTROL EQUIPMENT

The battery computer system. Richard F. Brown. illus Fld Arty J 47:42-46 Mar-Apr '79

The David field artillery computer. illus Intl Def Rev 12, No. 5:836 '79

The MiliPAC portable artillery computer system. illus Intl Def Rev 12, No. 5:835 '79

Modernized Cobra fire control system. George L. Cohill. illus USA Avn Dig 25:5-13 Oct '79

SFCS 600--a cost-effective fire-control system for tanks. R.M. Ogorkiewicz. illus tabs Intl Def Rev 12, No. 8:1421-1423 '79

TACFIRE, where do we go from here? Maj John E. Martin. illus Fld Arty J 47:8-13 Jan-Feb '79

FIRE DIRECTION CENTER

DRS (Division Restructure Study), a battery commander's perspective. Capt Kenneth R. Knight. illus Fld Arty J 47:44-47 Jan-Feb '79

Lance and the hand-held calculator. SgtIC Shelton Alsop. illus Fld Arty J 47:48-49 May-Jun '79

The modern battlefield BOC (Battery Operations Center). Capt Lonnie A. Veldhouse. illus tab Fld Arty J 47:17-21 Nov-Dec '79

TACFIRE--a quantum leap in FA data processing. Edward D. Ray. illus tab Fld Arty J 47:54-57 May-Jun '79

TACFIRE does it all. K. Patrick Cathcart. illus Soldiers 34:44-45 Apr '79

TACFIRE, where do we go from here? Maj John E. Martin. illus Fld Arty J 47:8-13 Jan-Feb '79

FIREARMS see Small ArmsFIREPOWER

GSRS (General Support Rocket System) status report. Col Charles J. Buel and Capt Gery R. Miller. illus Fld Arty J 47:13-15 Mar-Apr '79

Needed: Heavy firepower. CDR Todd Blades, Ret. illus US Nav Inst Proc 105:50-54 Jul '79

Scatterable mines: Superweapon? Peter W. McDavitt. illus tabs Natl Def 64:33-37 Sep-Oct '79

FIRES AND FIRE PREVENTION

See also subdivision under specific subjects, e.g.,

Airplanes--Fires and Fire Prevention

Airplanes, Military--Fires and Fire Prevention

Helicopters, Military--Fires and Fire Prevention

Countering the crew-compartment explosion--an automatic fire suppression system from Hughes. R.J.L. Dicker. illus tab Intl Def Rev 12, No. 5:816-818 '79

Military family housing fires. TIG Brief 31:14 Feb 23 '79

Quality of life considerations in fire stations. TIG Brief 31:6 Sep 21 '79

Replacement of CB (ChloroBromomethane) in portable fire extinguishers. TIG Brief 31:19 Sep 21 '79

FIRES AND FIRE PREVENTION - Continued

SAFE--a fire and explosion suppression system for combat vehicles. Rudi Meller. illus Intl Def Rev 12, No. 1:75-76 '79

The well dressed man (wears nomex). MSgt James A. Patterson, Jr. illus Aerosp Safety 35:24-26 Apr '79

Study and Teaching

The flaming final. (DOD trains firefighters at Chanute AFB Fire Protection Training Branch) illus Airman 23:21-28 Apr '79

Flamoke's no fluke. (Miniature base simulates fire emergencies for training firefighters) illus Airman 23:29-30 Apr '79

FIRING RANGES see Bombing and Gunnery Ranges

FIRST AID

See also
Artificial Respiration

Electricity and you! illus TAC Attack 19:10-12 May '79

FISH-CULTURE see Aquaculture

FISH INDUSTRY AND TRADEUnited States

Fish procurement: Competition sweetens the market. A.L. Allen. tabs Review 58:48-50 Mar-Apr '79

San Diego's tuna fleet. William M. Powers. illus US Nav Inst Proc 105:66-77 Jan '79

FLAG OFFICERSUnited States

And then there were eight rear admirals. RADM John B. Johnson. Officer 55:12 Jun '79

Services losing 46 star billets. AF Times 39:4 Jun 11 '79

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

Directories

Flag and general officers of the naval services: Officers of flag rank of the U.S. Navy, U.S. Coast Guard, and NOAA, and general officers of the U.S. Marine Corps on active duty as of 31 March 1979. illus US Nav Inst Proc 105:201-226 May '79

FLEET, 2d

Department of Defense operations during the Cuban Crisis. Adam Yarmolinsky. Nav War Col Rev 32: 83-99 Jul-Aug '79

FLEET, 6th

STRIKFORSOUTH (Naval Striking and Support Force Southern Europe). John Marriott. illus tab NATO's Fifteen Nations 23:22-24+ Dec '78-Jan '79

FLEET, 7th

Cam Ranh revisited: 'Sweet water' for USSR? L. Edgar Prina. illus Sea Power 22:18-22 May '79

FLEET, 7th - Continued

"The first horse out of the firehouse." LT Bruce R. Linder. illus US Nav Inst Proc 104:127-130 Dec '78

Soviet bases in Vietnam: Implications for the Seventh Fleet. LCDRs William H. Walls and Edwin R. McDaniel. illus US Nav Inst Proc 105:113-116 Sep '79

Two anchors in the Pacific: A strategy proposal for the U.S. Pacific Fleet. LCDR Kenneth R. McGruther. illus maps US Nav Inst Proc 105:126-141 May '79

FLEET MARINE FORCE--Marine Corps--U.S. see Marine Corps--U.S.

FLEXITIME see Hours of Labor

FLIGHT, LOW-ALTITUDE

Close air support tactics: A low-altitude view. Maj Robert O'Rourke. illus US Nav Inst Proc 105:107-109 Apr '79

Low altitude mishaps, or how not to hit the ground. Maj Terrell J. Osborn. illus tab Aerosp Safety 35:1-2 Aug '79

Low altitude single-ship mishaps. TIG Brief 31:15-16 Mar 23 '79

Low altitude single-ship mishaps. Capt Eugene Larcom. Aerosp Safety 35: inside front cover Apr '79

Low level map management. Maj Rick Felker. illus USAF Ftr Wpns Rev, pp 10-15, Summer '79; Interceptor 21:18-23 Sep '79

Low level navigation: A fresh approach. Capt John Miller. illus USAF Ftr Wpns Rev, pp 9-16, Spring '79

Low to the ground ... at night ... one-eleven style. Capt Jim Forman. illus Combat Crew 29:10-11 Jun '79

The lower you go. illus Aerosp Safety 35:6-8 Jan '79

Mountain waves: A powerful and dangerous force. (Adapted from Approach, Nov 1977) illus Aerosp Safety 35:22-23 Jan '79

Night work. Capt Pete O'Day. illus TAC Attack 19: 10-12 Nov '79

Who's flying the airplane? illus Aerosp Safety 35: 14-15 Aug '79

FLIGHT ATTENDANTS see Cabin Crews

FLIGHT CONTROL SYSTEMS

Helicopter flight controls: Considerations for the future. Col George W. Shallcross. illus USA Avn Dig 25:42-47 Feb '79

Last of the late rotators. Pete Pilcher. illus Aerosp Safety 35:6-8 Apr '79

FLIGHT INFORMATION

Here are entered articles on services provided for the purpose of giving advice and information useful for the safe and efficient conduct of flights.

See also related subjects, e.g.,

Flight Path
Weather Forecasting

FLIGHT INFORMATION - Continued

Management of FLIGHT Information Publications (FLIPs). TIG Brief 31:9 Oct 5 '79

Requirements for flight information publications. TIG Brief 31:8 Feb 23 '79

FLIGHT INSTRUMENTS see Aeronautical Instruments

FLIGHT NURSES

Flight nurse section--past, present, future. Glennda L. Bruce and Sheila A. Jones. illus Aviation, Space & Envmt Med 50:503-507 May '79

The wet test. (Water survival training at USAF School of Aerospace Medicine, Brooks AFB, TX) Capt Katie Cutler. illus Airman 23:44-48 Jan '79

History

Origin of flight nursing in the United States Army Air Forces. Judith Barger. Aviation, Space & Envmt Med 50:1176-1178 Nov '79

FLIGHT PATH

Pilot performance during simulated approaches and landings made with various computer-generated visual glidepath indicators. Mark F. Lewis and Henry W. Mertens. tabs Aviation, Space & Envmt Med 50:991-1002 Oct '79

Road to Riyadh. Maj Gordon L. Cook. illus MAC Flyer 26:8-12 Sep '79

FLIGHT PAY

Army and Navy behind more flight pay, but ... Bruce Callander. AF Times 39:3 Jun 25 '79

The case for more flight pay. Bruce Callander. AF Times 40:2+ Oct 1 '79

Chiefs want more \$\$ for people and flight pay. Tom Philpott and Bruce Callander. tab AF Times 40:1+ Nov 19 '79

Flight-pay plan gets sweeter. Bruce Callander. AF Times 40:3 Sep 10 '79

Flight pay proposal still clouded. Bruce Callander. AF Times 39:28 Feb 12 '79

Flight pay raise would cover EM. Bruce Callander. AF Times 39:1+ Apr 16 '79

It's uphill battle for more flight pay. AF Times 39:6 May 21 '79

OMB will weigh flight pay raise. Bruce Callander. AF Times 40:3 Dec 17 '79

Plan eyes hike in flight pay. Bruce Callander. tab AF Times 39:1+ Jan 8 '79

FLIGHT PLAN

Beware the warm front. Capt Terry S. Barker. illus Aerosp Safety 35:5-7 Sep '79

Computer flight plans and fuel management. Capt John D. McDermott. illus Navigator 26:28-31 Summer '79

Duluth double take. Maj John N. Modders. illus MAC Flyer 26:20 Jan '79

Flight plans. CMSgt Dennis D. Emmons. illus tabs Aerosp Safety 35:18-19 Aug '79

FLIGHT RECORDS

Here are entered articles on the logs and reports of a flight. For articles on record flying time for a given distance see Aviation Records

FLIGHT SIMULATORS

(Air Combat Maneuvering Range/Instrumentation--ACMR/I system) Signal 33:192 May-Jun '79

CAE moves up in simulators. May Willmot. illus Interavia 34:319-320 Apr '79

The EA-6B weapon systems trainer. Murry Shohat. illus Mil Elect/Countermeasures 5:50+ Apr '79

Esoteric simulator pact to Hughes: The F-18 Weapons Tactics Trainer. illus Mil Elect/Countermeasures 5:80+ Nov '79

Flight simulator reflections. Maj Louis Scipioni, Jr. illus USA Avn Dig 25:8-11 Aug '79

Getting hooked on ground missions. Capt William H. Jackson. illus Navigator 26:22-23 Spring '79

Hi, I'm a distraught flight simulator. Maj Michael F. McGaugh. illus USA Avn Dig 25:49-53 Oct '79

New course for navigators (at Mather AFB, CA). Capt Dick Sheffield. illus Airman 23:19-22 Jun '79

Pilot performance during simulated approaches and landings made with various computer-generated visual glidepath indicators. Mark F. Lewis and Henry W. Mertens. tabs Aviation, Space & Envmt Med 50:991-1002 Oct '79

A simulated approach to EA-6B EW aircraft training. LT Robert G. Watkins, Jr. illus US Nav Inst Proc 105:117-118 Apr '79

Simulating in the T-4. Capt Ronald D. Swenson. Combat Crew 29:22-23 Nov '79

Vista-vertigon. Capt Bruce Maguire. illus Interceptor 21:20-22 Apr '79

Which way is up? Robert E. Coward and others. illus TAC Attack 19:12-14 Dec '79

FLIGHT SURGEONS

Aeromedical evacuation in Israel--a study of 884 cases. Uriel Y. Dreyfuss and others. tabs Aviation, Space & Envmt Med 50:958-960 Sep '79

A flight surgeon looks at flight surgery. Maj Arthur T. Hadley. USA Avn Dig 25:18-19 Jan '79

New family practice clinics ahead. Ron Sanders. AF Times 39:3 Feb 26 '79

Psychiatric education in aerospace medicine. Robert J. Ursano. tabs Aviation, Space & Envmt Med 50: 619-624 Jun '79

The Society of United States Air Force Flight Surgeons. Douglas N. Johnson and Hubert F. Bonfili. tabs Aviation, Space & Envmt Med 50:509-512 May '79

The Society of U.S. Army Flight Surgeons. Frank S. Pettyjohn. Aviation, Space & Envmt Med 50:533-535 May '79

The Society of U.S. Naval Flight Surgeons. Martin G. Webb, Jr. illus Aviation, Space & Envmt Med 50: 536 May '79

FLIGHT TRAININGSee also

Pilots--Education and Training

Air Force--U. S.

Flight instruction--science and art. John Trobaugh. illus Aerosp Safety 35:2-4 Apr '79

Army--U. S.

The making of an aviator. MSgt Matt Glasgow. illus Soldiers 34:6-12 Nov '79

Navy--U. S.

Esoteric simulator pact to Hughes: The F-18 Weapons Tactics Trainer. illus Mil Elect/Countermeasures 5:80+ Nov '79

United States

WOs included in money bill--5% in flight training. M. L. Craver. AF Times 40:1+ Jul 30 '79

FLIGHTS, FAMOUS AND HISTORIC

Channel flights: From 25 Hp to none. illus tab AF Times 39:10 Jun 25 '79

Dick Grace & his Waterhouse Cruzair. Eugene J. Millikin. illus map tab Am Avn Hist Soc J 24:132-143 Summer '79

The Eagle of Peru (LtComdr Armando Revoredo Iglesias). Eugene E. Bauer. illus Aerosp Hist 26: 208-213 Dec '79

The flight. LCDR Albert C. Read. (Reprinted from a 1919 Curtiss Aeroplane and Motor Corp publication) illus Am Avn Hist Soc J 24:144-146 Summer '79

The flying Bird of Paradise. William B. Murphy. illus Aerosp Hist 26:30-33 Mar '79

Lighter-than-air flight in America, 1784-1910. Henry R. Palmer, Jr. illus Am Avn Hist Soc J 24:162-186 Fall '79

They hedge-hopped to glory. Hal Craven. illus Translog 10:15-17 Sep '79

A toast from Stalin. LtGen Harry E. Goldsworthy, Ret. illus Aerosp Hist 26:161-165+ Sep '79

The Wright flight. Bruce Callander. illus AF Times 39:16+ Jan 1 '79

FLOODS see DisastersFLUIDICS

Fluidic voice communications systems. Maj George M. Alexander and Tadeusz M. Drzewiecki. illus Signal 33:47-50 Jan '79

FLUTTER see VibrationFLYING

This heading is used for popular, nontechnical articles on the pleasures of flying.

Too crowded for light flying. Bruce Callander. AF Times 40:14+ Aug 27 '79

FLYING BOATS see SeaplanesFLYING SAFETYSee alsoAirplanes, Military--Safety Measures
Helicopters, Military--Safety Measures
Mountain Flying

Beware the warm front. Capt Terry S. Barker. illus Aerosp Safety 35:5-7 Sep '79

The bird nemesis. Maj James Gillespie. illus Aerosp Safety 35:2-3 Jun '79

Climb to the top (of SAC's Hall of Fame). Amn Benita Simone. illus Combat Crew 29:4-7+ Mar '79

Cold facts. Maj Gary L. Studdard. illus Aerosp Safety 35:12-13 Oct '79

Formation do's and don'ts. LtCol Helmut Oberbrinkmann. illus Aerosp Safety 35:12-13 Jul '79

Games people play. (Reprinted from Flight Comment, Sep-Oct 1973) illus Interceptor 21:5-8; Appendix: 6 years later. Wayne Griffith. 21:8 May '79

Gin and ... soda? Col William F. Belk. illus Aerosp Safety 35:18-20 Dec '79

HATR (Hazardous Air Traffic Report) perspective. Maj Joseph Yadouga. illus Aerosp Safety 35:8-9 Dec '79

Have you heard about this one? Maj Roger L. Jacks. illus Aerosp Safety 35:4-5 Dec '79

The hazard of being outstanding. Gen John D. Ryan. (Reprinted from Combat Crew, April 1966) Combat Crew 29:2-3 Sep '79

Heads up & out. Capt Gene Miller. illus tabs Aerosp Safety 35:26-27 Aug '79

A hole that is not a hole: Airborne weather radar interpretation. Capt Thomas E. Sieland. illus Aerosp Safety 35:4-5 Jun '79

Icing--rethought. Capt James S. Kash. Aerosp Safety 35:5 Nov '79

In-flight lightning strikes. LtCol George J. Bifulchi. illus tab Aerosp Safety 35:18-19 Sep '79

The legacy of the Triangle. (Safety record of 19th Bomb Wg, Robins AFB, GA) illus Combat Crew 29:4-7+ Jun '79

Lightning avoidance. Capt Stephen M. Horn. illus TAC Attack 19:10-12 Apr '79

Look to see. illus Aerosp Safety 35:22-24 Jun '79

Low altitude single-ship mishaps. Capt Eugene Larcom. Aerosp Safety 35: inside front cover Apr '79

Low-level wind shear. Capt David E. Johnson. illus Aerosp Safety 35:2-3 Oct '79

The lower you go. illus Aerosp Safety 35:6-8 Jan '79

Midair roulette. Capt Gary V. Earl. illus TAC Attack 19:14-15 Jan '79

The Middle East: Flight safety and survival. Ronald P. Barrett. illus Aerosp Safety 35:20-24 Feb '79

The mission of the Air Force is to train and survive--and don't you forget it! Maj David V. Froehlich. illus Aerosp Safety 35:22-23 Dec '79

FLYING SAFETY - Continued

"78 in review." illus Interceptor 21:5-9 Feb '79

No way out. Roger G. Crewse. illus Aerosp Safety 35:4-5 Jul '79

Ops topics. Regular feature in issues of Aerospace Safety

PTFS (Plan, Think, Fly, Safe). Capt Hilliard B. Hines, Jr. illus Combat Crew 29:16-17 May '79

Preflighting is only the beginning. Maj Lyle Samuels. illus TAC Attack 19:10-12 Jun '79

Risk assessment--the first step. Maj Alan T. Reid. illus tab TAC Attack 19:4-6 Aug '79

Risk awareness or blind faith. Gerald M. Bruggink. illus MAC Flyer 26:18-21 Nov '79

"Roger traffic." Capt David Pine. illus Combat Crew 29:14 Mar '79

Safety in general aviation: The San Diego accident points to problem areas. Marc Grangier. illus tabs Interavia 34:128-130 Feb '79

Shining. Maj Lionel P. Johnson. illus Interceptor 21:5-9 Sep '79

So you're going to be a flight leader. Capt Gary L. Sholders. illus Aerosp Safety 35:4-6 Aug '79

Summer weather hazards. Capt Carl L. Nelson. illus tab TAC Attack 19:4-6 Jun '79

Syncopal episodes: Fainting in aircrews. WgComdr Michael D. Miller. illus tab TAC Attack 19:20-21 Jun '79

The ten commandments for aviation survival. Maj David V. Froehlich. Aerosp Safety 35:9-11 Jul '79

That sense of urgency. CW3 Raoul Archambault III. illus USA Avn Dig 25:28-35 Nov '79

Then & now. Anchar F. Zeller. illus Aerosp Safety 35:2-3 Jul '79

Too close for comfort. illus Aerosp Safety 35:10-11 Oct '79

The ultimate decision. Maj Roger L. Jacks. illus Aerosp Safety 35:24-25 Sep '79

Wake turbulence. Maj Jerry D. Driscoll. illus Aerosp Safety 35:2-3 Mar '79

Weather radar--ATC radar: There is a difference. Maj Duane B. Stoecklin. illus tabs Aerosp Safety 35:14-15 Jan '79; USA Avn Dig 25:24-25 Mar '79

What's a corker? SMSgt Ron Christiansen. TAC Attack 19:24-25 Jun '79

Who's flying the airplane? illus Aerosp Safety 35:14-15 Aug '79

FLYING SAUCERS see Unidentified Flying Objects

FLYING STATUS

Student pilots referred to the Neuropsychiatry Branch, USAFSAM (USAF School of Aerospace Medicine) 1968-78: Implications for selection. Richard A. Levy and others. tabs Aviation, Space & Envmt Med 50:1173-1175 Nov '79

FLYING TIGERSHistory

China as I knew it: 1942-43. Gen Bruce K. Holloway, Ret. illus AF Mag 62:112-119 Sep '79

FLYING TIME

Here are entered articles on time spent in flying by an individual pilot to maintain his proficiency rating. For articles on record flying time for a given distance see Aviation Records.

Chiefs want to hike flying time. AF Times 39:11 Jun 11 '79

A real wing-ding. illus MAC Flyer 26:11-13 May '79

FOG AND FOG DISPERSAL

Obscured decision. illus MAC Flyer 26:10-11 Jun '79

FOODSee also

Nutrition
Rations
Space Feeding

Banks making inroads into food stores. Goody L. Solomon. AF Times 39:64 May 14 '79

Can nutritious food sell? Bolling (AFB, DC) seminar ("Stimulating Nutritional Awareness and Action in Military Personnel") looks at research. Ron Sanders. AF Times 39:4 Jun 11 '79

Fewer steaks on the table? Suzanne Viau. AF Times 39:1+ Apr 23 '79

Fitness for war--food and feet. (Report of seminar, RUSI, March 7, 1979) RUSI J for Def Studies 124:18-28 Sep '79

Services urged to adopt a la carte meal plan. AF Times 40:8 Aug 6 '79

Costs

Comstores--25% savings. Ron Sanders. tab AF Times 40:44 Sep 10 '79

Fewer steaks on the table? Suzanne Viau. AF Times 39:1+ Apr 23 '79

McClellan (AFB, CA) comstore 'saves' 25 percent. tab AF Times 40:46-47 Nov 12 '79

Norton (AFB, CA) comstore shows 20 percent food savings. tab AF Times 40:58 Oct 8 '79

Sawyer (AFB, MI) store saves 26 percent. tab AF Times 40:7 Oct 29 '79

Shop Chanute (AFB, IL)--and save. tab AF Times 40:32 Sep 24 '79

20 percent savings at Plattsburgh (AFB, NY). tab AF Times 40:51 Nov 5 '79

22 percent savings at Charleston (AFB, SC). tab AF Times 40:44 Oct 1 '79

Warren (AFB, WY) store: 29 percent savings. tab AF Times 40:58 Oct 15 '79

Inspection

Summarizing food service sanitation. TIG Brief 31:15 Jul 2 '79

FOOD - ContinuedPreservation

European chill space examined--the future of subsistence storage. Allan Rosen. illus Review 58: 30-31+ Jul-Aug '79

Food radiation tests may end. AF Times 39:42 Jan 29 '79

Is natural really better? Janet Hake. illus Soldiers 34:33-36 Jun '79

Supply

Fewer steaks on the table? Suzanne Viau. AF Times 39:1+ Apr 23 '79

FOOD SERVICEAir Force

Dining hall upgrade projects: A tough recipe. Capt James Waltman. illus AF Engrg & Svcs Qtr 20: 30-32 May '79

Dining halls: Money problems. TIG Brief 31:12 Nov 16 '79

Image of base dining halls. Capt Dennis A. Bossen. illus AF Engrg & Svcs Qtr 20:34-36 Aug '79

Menu planning boards. TIG Brief 31:21 Jun 15 '79

Unit commanders' evaluation of the dining hall. TIG Brief 31:12 Nov 16 '79

Use of recipes from Armed Forces Recipe Service. TIG Brief 31:11 Sep 7 '79

Study and Teaching

What's cooking? (USAF cooks are trained at Lowry AFB, CO) LtCol Fred A. Meurer. illus Airman 23: 9-14 Sep '79

Armed Forces

Can nutritious food sell? Bolling (AFB, DC) seminar ("Stimulating Nutritional Awareness and Action in Military Personnel") looks at research. Ron Sanders. AF Times 39:4 Jun 11 '79

DOD wants all Services on identical food ration. AF Times 39:28 Mar 26 '79

Fewer steaks on the table? Suzanne Viau. AF Times 39:1+ Apr 23 '79

Panel (House Appropriations Committee) acts to cut food money. AF Times 40:4 Oct 8 '79

Services urged to adopt a la carte meal plan. AF Times 40:8 Aug 6 '79

Army

Army chow. SP5 Lana Ott. illus Soldiers 34:6-10 May '79

Study and Teaching

Behind the lines: A look at Army food service specialists. SP5 David Polewski. illus Soldiers 34: 34-36 May '79

FORCES COMMAND

The Infantry's armor. 2dLt Dale Wilson. illus Soldiers 34:11-12 Aug '79

FORCES COMMAND - Continued

Support unit improvement program. MajGen Thomas D. Ayers. illus map Army Log 11:41-43 Sep-Oct '79

With clear missions, definite objectives. Gen Robert M. Shoemaker. illus tab Army 29:39-42 Oct '79

FOREIGN AID see Economic Aid to Foreign Countries; Military Aid to Foreign Countries; Technical Aid to Foreign Countries

FOREIGN OBJECT DAMAGE

Battle status report ... USAF versus FOD. Maj Phillip M. McAtee and Capt William E. Kohlenberger. illus tabs Aerosp Safety 35:14-16 Dec '79

Composite tool kits. TIG Brief 31:8 Jan 26 '79

FOD for thought. Maj James Gillespie. illus Aerosp Safety 35:17 Jun '79

FOD still in the limelight. illus USA Avn Dig 25:42-45 Jun '79

FODing the F-111. Maj Eugene LaMothe. illus tab Aerosp Safety 35: inside front cover + Feb '79

A successful FOD prevention program. TIG Brief 31:7 Feb 9 '79

FOREIGN RELATIONS

For general foreign relations of a country, look under the name of the country, e.g., United States--Foreign Relations. For foreign relations of one country with another, look under either country, e.g., United States--Foreign Relations--China (People's Republic); China (People's Republic)--Foreign Relations--United States.

See also

International Relations

FORMATION FLYING

Formation do's and don'ts. LtCol Helmut Oberbrinkmann. illus Aerosp Safety 35:12-13 Jul '79

So you're going to be a flight leader. Capt Gary L. Sholders. illus Aerosp Safety 35:4-6 Aug '79

Who's flying the airplane? illus Aerosp Safety 35: 14-15 Aug '79

FORMOSA see China (Republic)

FORMS, MILITARY

Annotation of AFTO Form 100A/781E, 'Accessory Replacement Record.' TIG Brief 31:8 Feb 9 '79

Call it 'dream sheet,' but take care with it (Form 90). AF Times 40:23 Dec 3 '79

Discharge papers to omit reason for leaving. illus AF Times 39:7 Jan 22 '79

TDY allowances: Use of adverse effect statements. TIG Brief 31:21 Feb 23 '79

FORTIFICATIONS

Fighting from fortified battle positions. Col Raymond E. Bell, Jr. illus Army 29:34-39 Jul '79

FORTS see Army Posts

FORWARD AIR CONTROLLERS

The airborne forward air controller--future needs and opportunities. John W. Ellis, Jr. illus AU Rev 30: 38-47 Jan-Feb '79

FORWARD AIR CONTROLLERS - Continued

Divarty (division artillery) aviation--an integral part of the aerial fire support team. Col James F. McCarthy, Sr and Maj Jim S. Hutchinson. illus USA Avn Dig 25:18-20 Mar '79

FIST (Fire Support Team) takes to the air. Maj Jim S. Hutchinson. illus USA Avn Dig 25:45-46 Apr '79

High threat environment. Capt Steve Woodford. illus tabs USAF Ftr Wpns Rev, pp 11-14, Winter '78

History

"Mosquito." Gene Risedorph. illus Am Avn Hist Soc J 24:45-51 Spring '79

FORWARD OBSERVER

The airborne forward air controller--future needs and opportunities. John W. Ellis, Jr. illus AU Rev 30: 38-47 Jan-Feb '79

Why FO's can't shoot. Capt Michael B. Kelly. Fld Arty J 47:54-56 Jul-Aug '79

FOULOIS, Benjamin D.

Benjamin D. Foulois: Chief of the Air Corps, 1931-35. Maj John F. Shiner. por AF Mag 62:86-88 Apr '79

FOUR-DAY WEEK see Hours of LaborFRANCEForeign Policy

France and NATO: An ambiguous relationship. G. Chambost. illus Intl Def Rev 12, No. 4:526-530 '79

The major directions of French foreign policy. François de Rose. illus NATO's Fifteen Nations 24:48+ Oct-Nov '79

Foreign RelationsAfrica

France--military involvement in Africa. Dennis Chaplin. illus Mil Rev 59:44-47 Jan '79

French policy in Africa: A lonely battle against destabilization. Pierre Lellouche and Dominique Moisi. tabs Intl Sec 3:108-133 Spring '79

NATO

The major directions of French foreign policy. François de Rose. illus NATO's Fifteen Nations 24:48+ Oct-Nov '79

History

The history of the French Resistance. John Lukacs. Armed Forces & Soc 6:162-167 Fall '79

FRAUD

DOD looking to computers to catch CHAMPUS cheaters. AF Times 39:7 Feb 12 '79

Easing ID policy: More bad checks. Andy Plattner. AF Times 40:4 Dec 31 '79

Fraudulent documents: Don't try! TIG Brief 31:4 Sep 21 '79

Fraudulent enlistment 'not serious' in AF. M. L. Craver. AF Times 39:8 Jun 11 '79

FRAUD - Continued

Inadequate supervision: An encouragement to fraud. TIG Brief 31:12 Apr 6 '79

Land sharks. MSgt Matt Glasgow. illus Soldiers 34: 46-49 Dec '79

The lure of the land. Andy Plattner. illus AF Times pt 1, Many land buys held 'questionable.' 39:1+ Apr 30 '79; pt 2, Investments turned sour. 39:23+ May 7 '79; pt 3, Company's 'pitch' inviting. 39:26+ May 14 '79; pt 4, 'Incredible' that they buy land sight unseen. 39:10+ May 21 '79

SEC calls investment scheme fraud. AF Times 39:6 Jun 18 '79

To love, honor & cash in: How 'contract marriages' let Service people get extra allowances and avoid the barracks. Jay Finegan. illus AF Times, Times Magazine sup:6-10 Dec 10 '79

Unauthorized use of government telephone systems. TIG Brief 31:13 Feb 23 '79

FREEDOM OF INFORMATION

Government misuse of technical data--measuring the data owners' damages. Capt Eugene S. Cavallucci. AF Law Rev 20, No. 2:162-181 '78

MX fiasco: Will it legislate a new market? Harry F. Eustace. Elect Warfare/Def Elect 11:33 Apr '79

Protecting limited use reports. TIG Brief 31:6 Sep 7 '79

FREEDOMS FOUNDATION

Freedoms Foundation winners named. AF Times 39:22 Mar 26 '79

FREEMAN, Douglas S.

Leadership. (Lecture, Naval War College, May 11, 1949) Douglas Freeman. Nav War Col Rev 32:3-10 Mar-Apr '79

FRIGATES see DestroyersFRINGE BENEFITS

Big 5-year all-vol boost. AF Times 40:3 Jul 30 '79

Free allotment service may end. Tom Philpott. AF Times 40:1+ Oct 8 '79

The future of benefits in the hands of new members of Congress. (Interview with Rep Dan Daniel) Suzanne Viau. illus AF Times 40:10 Nov 19 '79

Health benefits advisor. TIG Brief 31:9 Apr 6 '79

Inflation outpaces pay; EM victims. Tom Philpott. AF Times 39:1+ Jan 8 '79

Kennedy plan: No lost health benefits seen. Richard C. Barnard. AF Times 39:4 Jan 29 '79

Military manpower crisis. LtGen Ira C. Eaker, Ret. AF Times 39:13-14 Jul 23 '79

New education benefits. Interview. Robert B. Pirie, Jr. AF Times 39:3 May 14 '79

New education bill aims to draw and keep EM. AF Times 39:7 Jul 23 '79

Panel (House Appropriations Committee) votes cut in space-A mail weight. AF Times 40:6 Oct 29 '79

FRINGE BENEFITS - Continued

Pay--and erosion of benefits. AF Times 40:36 Sep 24 '79

Pay hike eyed for 8 grades. Tom Philpott. AF Times 40:1+ Oct 22 '79

Pay outlook bright. Interview. Gen Lew Allen, Jr. illus AF Times 40:4 Dec 3 '79

(Rep Dan) Daniel to Hill: Stop cutting benefits. illus AF Times 39:23 May 21 '79

Win some, lose some. AF Times pt 1, Pay--and erosion of benefits. 40:36 Sep 24 '79; pt 2, \$436 million 'savings,' or pay revision blues. 40:35+ Oct 1 '79; pt 3, Since 1970, attempts to delay pay raises. 40:28+ Oct 8 '79; pt 4, Travel entitlements: Costs offset gains. 40:18 Oct 15 '79; pt 5, 'Institutional' benefits changes. 40:44+ Oct 22 '79; pt 6, Many incentive pays unchanged for years. 40:51 Oct 29 '79; pt 7, 'Turbulence' to last awhile. 40:49 Nov 5 '79

FROGMEN see Divers and Diving

FRUNZE, Mikhail V.

Mikhail Frunze--from professional revolutionary to leader of the Red Army. LtCol E.J. Everett-Heath. Army Qtr 109:195-202 Apr '79

FUEL CELLS

Fuel cell foam packaging fire hazards. TIG Brief 31:7 Nov 16 '79

FUEL CONSERVATION see Energy Conservation

FUEL TANKS

See also

Airplanes, Military--Fuel Tanks

Fuel spills on military aircraft. TIG Brief 31:17 Jul 2 '79

FUELS

See also

Airplanes--Fuels

Airplanes, Jet-Propelled--Fuels

Airplanes, Military--Fuels
Propellants

Army energy savers. SSgt James M. Boersema. illus Soldiers 34:45-48 Nov '79

Catalytic converters: Auto emission control systems need special care overseas. illus AF Times 39:28 Mar 5 '79

Data show Services gouged in oil flap. Randy Shoemaker. AF Times 40:12 Sep 17 '79

Energy developments in transportation. illus Def Trans J 35:18-19 Dec '79

Fuel can be hazardous. TIG Brief 31:18 Nov 2 '79

Fuel spills on military aircraft. TIG Brief 31:17 Jul 2 '79

Recovery of sump-drained fuel. TIG Brief 31:9 Oct 19 '79

Services coping with fuel pinch. AF Times 39:22 Jun 11 '79

Time running out at exchange gas stations. Suzanne Viau. AF Times 39:1+ Feb 26 '79

FUELS - ContinuedCosts

MOD's big headache: Lack of \$\$ for fuel. (Interview with George Marienthal) AF Times 39:4+ Jul 16 '79

FULLER, John F.C.

The Fuller-Liddell Hart Lecture: A dialogue. Brig A.J. Trythall and Brian Bond. RUSI J for Def Studies 124:21-31 Mar '79

FUND RAISING

Employees hit CFC (Combined Federal Campaign) tactics. Tom Philpott. AF Times 40:3 Oct 29 '79

Fund-raising policy: Try gentle persuasion. AF Times 40:4 Oct 22 '79

FURLONG, Raymond B.

Is there really a better way to win a war in Europe? Maj Charles W. Specht. AU Rev 31:74-77; Responses. William S. Lind. 31:77-79; Russell F. Weigley. 31:79-80; LtGen Raymond B. Furlong, Ret. 31:80-81 Nov-Dec '79

Strategymaking for the 1980's. LtGen Raymond B. Furlong. por Parameters 9:9-16 Mar '79

FUSES, ELECTRONIC

First electronic fuze to enter service. illus Def Elect 11:38 Jun '79

FUSES, ORDNANCE

Development of point detonating fuzes. Capt John R. deTreville. illus tab Fld Arty J 47:21-26 Mar-Apr '79

FUTURE

See also

War, Future

The ADPA and preparedness. James M. Stone. illus tabs Natl Def 63:28-31+ Mar-Apr '79

Airlifters of the future. Capt James P. Coe. illus MAC Flyer 26:22-24 Nov '79

Airpower 2001. S.A. Tremaine. illus Natl Def 64: 56-59 Jul-Aug '79

Ballistic missile defense into the eighties. William A. Davis, Jr. illus Natl Def 64:55-63 Sep-Oct '79

Boeing charts a course through the 1980s. J. Philip Geddes. illus tabs Interavia 34:646-650 Jul '79

Configuration management in the 1990s and beyond. Alan E. Lager. Def Sys Mgt Rev 2:30-37 Summer '79

DCS at the crossroads. VADM Samuel L. Gravely, Jr. illus Signal 33:53-54+ May-Jun '79

The decade of decision. Talbot S. Lindstrom. illus Natl Def 64:24-29+ Sep-Oct '79

The future of the strategic deterrent. (Presentation, Air Force Assoc, Los Angeles, Aug 3, 1979) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup No. 10:2-7 Oct '79

The future of U.S. sea power. ADM Thomas B. Hayward. illus US Nav Inst Proc 105:66-71 May '79

Greenleaf: He shapes the AF of the future. Interview. LtGen Abbott C. Greenleaf. illus AF Times 40:10 Oct 22 '79

FUTURE - Continued

- ISTA (Intelligence, Surveillance, and Target Acquisition) in the 80s--the Army concept. MajGen Fred K. Mahaffey. illus Signal 34:39-42 Oct '79
- The integrated AUTODIN system. Richard G. Howe and LtCol Ronald C. Cournoyer. illus Signal 33: 105+ May-Jun '79
- The Jaguar/Harrier replacement aircraft: The case for a two-seater. WgComdr A.R. Tolcher. illus Hawk No. 39:45-51 Winter '78-'79
- The key security tasks of the 1980s. Walt W. Rostow. Intl Sec 4:180-188 Fall '79
- (LtGen B.L.) Davis foresees stable force, more hikes. illus AF Times 39:21 Jan 29 '79
- MAC is meeting global challenges today with success. What about tomorrow? Gen William G. Moore, Jr. illus Command 2:2-5+ Feb '79
- Managing logistics in the decade ahead. Eric A. Orsini. illus Army Log 11:8-9 Sep-Oct '79
- The Military Affiliate Radio System ... a perspective. LtCol Peter M. Hurd, Ret. illus Signal pt 1, 34:45-47+ Sep '79
- More arithmetic of deterrence: Throw weight, radioactivity and limited nuclear war. Ian Bellany. RUSI J for Def Studies 124:35-38 Jun '79
- A new era in space. Adlai E. Stevenson. tab illus Signal 33:17-20 Feb '79
- New technology: Concepts in transportation for the 1980's. illus Def Trans J 35:6-8+ Dec '79
- Our security in the next decade. (Presentation, Tucson, AZ, Chapter, Air Force Assoc, March 16, 1979) John A. Hewitt, Jr. AF Plcy Ltr for Comdrs: Sup No. 5:8-13 May '79
- Planning for the Navy's future. Francis J. West, Jr. illus tabs US Nav Inst Proc 105:26-33 Oct '79
- Planning our strategic future: The classical approach. MajGen John C. Toomay. illus Natl Def 64:52-55 Jul-Aug '79
- SAMSO: A look ahead. LtGen Richard C. Henry. illus AF Mag 62:52-55 Aug '79

FUTURE - Continued

- SAMSO charts future in space. illus Def Elect 11:43-44+ Nov '79
- Solar power and the future in space. Clarke Covington. tabs illus RUSI J for Def Studies 124:12-21 Mar '79
- Space shuttle: The new space transportation system. George B. Merrick. illus Signal 33:10-15 Feb '79
- Strategic defensive systems. Alexander H. Flax. illus Natl Def 64:40-44 Sep-Oct '79
- Tactical C³ architecture 1985-1995. (Convention panel, AFCEA, Washington, June 19, 1979) Everett D. Greinke and others. illus Signal 33:63-81 Aug '79
- Tactical pos/nav (positioning/navigation) for the 1990 air/land battlefield. (Convention panel, AFCEA, Washington, June 21, 1979) Kostas J. Liopiros and others. illus tabs Signal 33:118-120 Aug '79
- Tactical reconnaissance for the 1980s: A close-up look at the TR-1 and QSR. LtGen Charles A. Gabriel. illus Signal 34:9-11 Oct '79
- Trends in protected communications. (Convention panel, AFCEA, Washington, June 20, 1979) George L. Salton and others. illus Signal 33:85-95 Aug '79
- U.S.P.S.: "Waves" of the future. William F. Bolger. illus Signal 33:9-12 Jan '79
- The U.S. Air Force, as we look forward. (Remarks, Air Force Assoc National Convention luncheon for the Chief of Staff, Washington, DC) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No. 12:2-8 Dec '78
- U.S. military power in the 1980s. (Presentation, Economic Club of Detroit, May 15, 1979) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 7:17-24 Jul '79
- Westar today and tomorrow. Philip Schneider. illus Signal 34:43-45 Nov-Dec '79
- The world's military helicopter fleet and its predicted growth to 1990. illus Interavia 34:677-678 Jul '79

GCA see Ground-Controlled Approach

GCI see Ground-Controlled Interception

GPWS see Ground Proximity Warning System

GABRIEL, Charles A.

Tactical reconnaissance for the 1980s: A close-up look at the TR-1 and QSR. LtGen Charles A. Gabriel. por Signal 34:9-11 Oct '79

GAGES see Gauges

GAMES, THEORY OF

See also

War Games

GAS TURBINES

Why gas turbines for tanks? John L. Mason. illus tabs Intl Def Rev 12, No. 9:1535-1537 '79

GASES

See also

Oxygen

GASES, ASPHYXIATING AND POISONOUS

See also

Carbon Monoxide

GASES IN WARFARE see Chemical-Biological Warfare

GAUGES

The T-bird fuel pressure gauge? 1stLt Scott W. Gough. illus Interceptor 21:9 May '79

GAYLOR, Robert D.

Our airmen never forget. (CMSAF Gaylor visits Red Flag to acknowledge enlisted contributions) CMSAF Robert D. Gaylor. Airman 23:39 Apr '79

USAF's future: The challenge is yours. CMSAF Robert D. Gaylor. por AF Mag 62:64 May '79

GENERAL ACCOUNTING OFFICE

AF: Short circuit in computer work. Len Famiglietti. AF Times 40:2 Dec 31 '79

C-5, 141 crew ratios can be cut--GAO. AF Times 40:4 Oct 15 '79

Cost of shipping HH goods o'seas on rise (GAO). AF Times 40:31 Oct 15 '79

DOD, GAO differ on 'Orange.' AF Times 40:4 Dec 10 '79

'Free' SS credits bother GAO. AF Times 40:12 Aug 27 '79

GAO assails Defense labor policies. Sheila Hershow. AF Times 39:42 Feb 19 '79

GAO cites civilian crimes o'seas--many unprosecuted. Suzanne Viau. AF Times 40:6 Oct 1 '79

GAO faults DOD on child advocacy. AF Times 39:14 Jun 18 '79

GAO finds no space-A for o'sea BX goods. Andy Plattner. AF Times 40:2 Sep 3 '79

GAO leaning toward draft. AF Times 40:8 Sep 17 '79

GAO letter: Don't treat casualties in civilian hospitals. AF Times 40:18 Nov 12 '79

GENERAL ACCOUNTING OFFICE - Continued

GAO: More 'no notices.' Ron Sanders. AF Times 40:7 Oct 22 '79

GAO notes new NATO effort on F-16. AF Times 39:28 Jul 23 '79

GAO report criticizes mail system blunders. AF Times 40:7 Aug 20 '79

GAO report: Retirement plans should be uniform. Richard C. Barnard. AF Times 39:3 Feb 12 '79

GAO report says HA aids rich, hurts poor. Richard C. Barnard. AF Times 40:12 Dec 3 '79

GAO says Merchant Marine 'viable supplement' to Navy. L. Edgar Prina. illus Sea Power 22:35-36 Feb '79

GAO: Too many 'secret' papers. AF Times 39:17 Apr 2 '79

GAO: Use more MWR civilians and save. AF Times 40:33 Aug 6 '79

GAO wants computer project reevaluated. AF Times 40:2 Nov 26 '79

GAO wants pay cap limits. Tom Philpott. AF Times 40:3 Dec 3 '79

GAO: Weapons costs rise perils quality. AF Times 40:15 Dec 17 '79

Give housing preference to lower EM, says GAO. AF Times 40:16 Oct 8 '79

Hill hit (by GAO) for med care failures. Richard C. Barnard. AF Times 40:4 Sep 3 '79

Independent pay board asked. Richard C. Barnard. AF Times 39:6 May 28 '79

Liquor sales keep clubs afloat: GAO report. Suzanne Viau. AF Times 39:7 May 14 '79

MD losses cut active care. Richard C. Barnard. AF Times 39:3 Jul 9 '79

Many GI mail courses don't 'take.' AF Times 40:8 Sep 10 '79

Mobilization snags persist. AF Times 39:8 Jun 11 '79

NAF workers: No o'sea COLA plan. Suzanne Viau. AF Times 39:7 Feb 19 '79

Reserves undermanned and unready, says GAO. AF Times 40:42 Aug 27 '79

Retirees selling to PX hard to catch. Suzanne Viau. AF Times 39:3 May 21 '79

Service kin urged to use military hospitals more: GAO report. AF Times 39:10 Jan 22 '79

Technology \$\$ unaccounted for. AF Times 40:34 Oct 8 '79

Thousands illegally getting medical care--report (by GAO) notes active duty turned away. AF Times 40:4 Aug 6 '79

Too much is 'secret,' GAO says. AF Times 40:4 Nov 19 '79

GENERAL OFFICERS

Air Force--U. S.

GOs selected for MG, BG hikes. AF Times 40:3+ Dec 17 '79

GENERAL OFFICERS - ContinuedAir Force--U.S. - Cont'd

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

Senior staff changes. Regular feature in issues of Air Force Magazine

Armed Forces--U.S.

Retired U.S. military elites--postmilitary employment and its sociopolitical implications. Doo-seung Hong. tab Armed Forces & Soc 5:451-466 Spring '79

Services losing 46 star billets. AF Times 39:4 Jun 11 '79

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

Army--U.S.

General officer changes. Regular feature in News Call section of some issues of Army

George C. Marshall: First in war, first in peace. SGM Bruce N. Bant. illus Soldiers 34:35-36 Dec '79

68 new Army brigadier generals. tabs Armed Forces J Intl 117:12-13 Nov '79

Directories

Senior Army officers in special assignments. Army 29:115 Oct '79

Marine Corps--U.S.

The (Basic School) Class (1951) the stars fell on. illus MarCor Gaz 63:4 Sep '79

General officer boards select 8 for major general, 9 for brigadier. illus MarCor Gaz 63:2 Apr '79

General officer reassignments, new assignments. MarCor Gaz 63:2 May '79

Promotions, reassignments, retirements. MarCor Gaz 63:2 Aug '79

Directories

Flag and general officers of the naval services: Officers of flag rank of the U.S. Navy, U.S. Coast Guard, and NOAA, and general officers of the U.S. Marine Corps on active duty as of 31 March 1979. illus US Nav Inst Proc 105:201-226 May '79

Reserve Forces--Army--U.S.

Senate confirms promotions of fifteen (USAR) generals. Officer 55:14 May '79

GENERAL PURPOSE FORCES

See also
Tactical Air Forces

United States

U.S. defense policy: The problem is not more money. Steven L. Canby. tabs AEI For Plcy & Def Rev 1, No. 3:23-36 '79

GENERAL SERVICES ADMINISTRATION

Coming phone change: By GSA. C.W. Borklund. illus Govt Exec 11:37-38+ Sep '79

GEOGRAPHY

See also
Military Geography

GEOPOLITICS

Command of space. Maj E.M. Fitzgerald. Army Qtr 108:167-176 Apr '78

GERM WARFARE see Chemical-Biological Warfare

GERMANY (FEDERAL REPUBLIC)

Autumn Forge 78--a candid report. William I. Latham. illus Air Def Mag, pp 9-13, Apr-Jun '79

Combating terrorism in Federal Germany. Udo Philipp. illus Intl Def Rev 12, No. 6:999-1001 '79

FRG AWACS buy tied to U.S. 120mm gun deal. Armed Forces J Intl 116:15 Jan '79

Learning the lessons of counter-terror--West Germany's experience. Hans-Josef Horchem. Def & For Aff Dig 7, No. 7:18-21+ '79

West Germany's new defense vigor. David Harvey. illus Def & For Aff Dig 7, No. 10:42-44 '79

Description and Travel

Alpine paradise--Berchtesgaden. Steve Abbott. illus Soldiers 34:17-19 Jul '79

Foreign RelationsTurkey

Strengthening our Turkish partner: Germany spearheading the effort. Walter Leisler Kiep. illus NATO's Fifteen Nations 24:18-19 Jan-Jul '79

United States

Nuclear mid-range systems and the NATO confidence gap. Editorial. Walter F. Hahn. Strat Rev 7:8-10 Spring '79

GIBRALTAR

The truth about Gibraltar. John MacGowan. Army Qtr 108:149-160 Apr '78

GILBERT, William D.

A-E (Architect-Engineer) firms--a vital Air Force resource. MajGen William D. Gilbert. por Mil Engr 71:11-14 Jan-Feb '79

Air Force real property maintenance. MajGen William D. Gilbert. por Mil Engr 71:80-81 Mar-Apr '79

Energy, environment and safety. (Presentation, Subcommittee on Military Construction, House Committee on Appropriations, Feb 28, 1979) MajGen William D. Gilbert. AF Plcy Ltr for Comdrs; Sup No. 5:14-19 May '79

GINSBURGH, Robert N.

China touches the tigers' bottoms. MajGen Robert N. Ginsburgh. Ret. AF Mag 62:40-45 Jun '79

GLENN, John H., Jr

The space program and its benefits--past, present and future. Sen John Glenn. por Signal 34:15-17 Nov-Dec '79

GLIDERSHistory

A glider named Hamilton's Reply. B.J. McCausey. illus Aerosp Hist 26:249-250 Dec '79

GLIDING AND SOARING

Aloft and alone. Capt Joe Sciuto. illus Soldiers 34: 16-19 Oct '79

GOLD see Metals

GOLDSWORTHY, Harry E.

A toast from Stalin. LtGen Harry E. Goldsworthy, Ret. Aerosp Hist 26:161-165+ Sep '79

GOODPASTER, Andrew J., Jr

Goodpaster + two: West Point today. Interview. LtGen Andrew J. Goodpaster. por Army 29:14-23 Jun '79

GORSHKOV, Sergey G.

Admiral Gorshkov--naval genius or political opportunist? illus Intl Def Rev 12, No. 5:719-720 '79

The doctrinal legitimacy of Gorshkov's writings: Measuring the measures. Renita Fry. Nav War Col Rev 32:26-37 Feb '79

GOULD, Gordon T., Jr

In memoriam: LtGen Gordon T. Gould, USAF (Ret). por obit Signal 34:74 Sep '79

GOVERNMENT EMPLOYEES see Civilian Employees

GOVERNMENT OWNERSHIP

See also
Property, Government

GRADES see Rank

GRADING see Tests and Measurements

GRAVELY, Samuel L., Jr

DCA's route to readiness. VADM Samuel L. Gravelly, Jr. por AF Mag 62:84-87 Jul '79

DCS at the crossroads. VADM Samuel L. Gravelly, Jr. por Signal 33:53-54+ May-Jun '79

GRAVITY

Cardiorespiratory assessment of decongestant-antihistamine effects on altitude, +G_z, and fatigue tolerances. Michael T. Lategola and others. tabs Aviation, Space & Envmt Med 50:101-109 Feb '79

Concurrent loss of consciousness and sino-atrial block during +G_z stress. James E. Whinnery and others. illus Aviation, Space & Envmt Med 50: 635-638 Jun '79

Evaluation of assisted positive-pressure breathing on +G_z tolerance. Robert M. Shaffstall and Russell R. Burton. illus tabs Aviation, Space & Envmt Med 50:820-824 Aug '79

Head acceleration and psychomotor performance. D.C. Reader. tabs Aviation, Space & Envmt Med 50:267-270 Mar '79

Incapacitation time for +G_z-induced loss of consciousness. James E. Whinnery and Robert M. Shaffstall. tab Aviation, Space & Envmt Med 50:83-85 Jan '79

GRAVITY - Continued

Reproducibility of +G_z tolerance testing. James E. Whinnery and William G. Jackson, Jr. tabs Aviation, Space & Envmt Med 50:825-828 Aug '79

GREAT BRITAINForeign RelationsRussia--History

Disillusioned friends: British officers in Southern Russia, 1919-1920. L.T. Morris. Army Qtr 109: 319-336 Jul '79

Spain

The truth about Gibraltar. John MacGowan. Army Qtr 108:149-160 Apr '78

Politics and Government

Britain's new direction: More independence, more influence. John Fullerton. illus Def & For Aff Dig 7, No. 5:40-41 '79

GREECE

Instability and change on NATO's southern flank. CSIA European Security Working Group. Intl Sec 3:150-177 Winter '78-'79

Foreign RelationsTurkey

The situation in Greece and Turkey. Frederick Bonnard. illus map NATO's Fifteen Nations 23:28-30+ Dec '78-Jan '79

GREENLEAF, Abbott C.

Greenleaf: He shapes the AF of the future. Interview. LtGen Abbott C. Greenleaf. por AF Times 40:10 Oct 22 '79

GREGG, Arthur J.

Logistics and force readiness. LtGen Arthur J. Gregg. Army Log 11:2-5 Nov-Dec '79

GRIEVANCE PROCEDURES

Timeliness of EEO complaints. TIC Brief 31:14 Aug 17 '79

USAF's growing grievance system. Ed Gates. illus tab AF Mag 62:56-59 Jan '79

GROSS NATIONAL PRODUCT

Comparisons of defence expenditures 1976-1979. International Institute for Strategic Studies. Table only. AF Mag 62:133 Dec '79

GROUND-CONTROLLED APPROACH

Heads up & out. Capt Gene Miller. illus tabs Aerosp Safety 35:26-27 Aug '79

(New precision approach radar) Signal 33:190 May-Jun '79

GROUND-CONTROLLED INTERCEPTION

GCI (Ground Control Intercept): Dregs or non-flying wingmen? Maj Harold Archibald. illus USAF Ftr Wpns Rev, pp 6-9, Summer '79

GROUND CREWS

Guidance and supervision. LtCol V. Gorlov. illus Soviet Mil Rev No. 8:24-25 Aug '79

GROUND EFFECT MACHINES see Air Cushion Vehicles GUERRILLA WARFARE - Continued

GROUND FORCES

Effectiveness and cohesion of the German ground forces in World War II. W. Victor Madej. tabs J Pol & Mil Sociol 6:233-248 Fall '78

Field training standard. ColGen V. Merimsky. illus Soviet Mil Rev No. 12:16-18 Dec '79

Rear support for the Soviet ground forces. C.N. Donnelly. illus tabs Intl Def Rev 12, No. 3:344-350 '79

GROUND PROXIMITY WARNING SYSTEM

Pilots are people too. Maj Lionel P. Johnson. illus Interceptor 21:5-9 Apr '79

GROUND SAFETY

See also
Seat Belts

Busy, busy, busy. TSgt Ellis Mann. illus TAC Attack 19:10-11 Aug '79

Danger on the ground. illus USA Avn Dig 25:34-37 Mar '79

Down to earth. Regular feature in some issues of TAC Attack

Helmet repeal boosts deaths. AF Times 39:26 Feb 5 '79

So ya' gonna work on aircraft. SSgt Manuel H. Cruz III. illus TAC Attack 19:4-7 Jul '79

GROUND SUPPORT see Close Air Support

GROUND-SUPPORT EQUIPMENT

See also
Rockets--Ground-Support Equipment
Space Vehicles--Ground-Support Equipment

GUARANTY see Warranty

GUERRILLA WARFARE

The conflict index. Regular feature in issues of Defense & Foreign Affairs Digest beginning with No. 4, 1979

Guerrilla border sanctuaries and counterinsurgent warfare. John D. Deiner. Army Qtr 109:162-179 Apr '79

Rusty hand of steel: The naval raid. LCDR Roger L. Crossland. illus US Nav Inst Proc 105:60-63 Dec '79

A world at war: Small wars and superpower military intervention. tabs map Def Monitor 8: entire issue Nov '79

Bolivia

"Che's" Bolivian adventure. LtCol John D. Waghelstein. illus Mil Rev 59:39-48 Aug '79

Central America

The pattern in Central America. Editorial. David C. Jordan. Strat Rev 7:5-6 Fall '79

Indochina

History

The disaster that might not have been. Col Waller B. Booth. Ret. illus Army 29:26-30 Apr '79

NATO

Anti-tank warfare. John Marriott. illus NATO's Fifteen Nations 24:60-62+ Apr-May '79

United States

History

Morgan's raid. SP4 Janette J. Raker. illus map Armor 88:23-25 May-Jun '79

GUEVARA, Ernesto

"Che's" Bolivian adventure. LtCol John D. Waghelstein. illus Mil Rev 59:39-48 Aug '79

GUICE, John T.

Air National Guard. por AF Mag 62:112-113 May '79

(Air National Guard) Interview. MajGen John T. Guice. por Air Reservist 31:7-9 Jul '79

Success can mean less money for ANG. Interview. MajGen John T. Guice. por AF Times 40:7 Jul 30 '79

GUIDED MISSILES see Missiles

GUNBOATS see Warships

GUNNERY

The art of NATO gunnery. Roy Corlett. illus NATO's Fifteen Nations 23:128-129 Special Issue '78

(Semi-active laser) guided projectile creates new dimension in naval warfare. CAPT J. D. Miceli. illus Def Elect 11:55-58+ Jul '79

Study and Teaching

ELSAF 2000: A turret simulator for tank-crew training. Maj E. Stettler. illus tab Intl Def Rev 12, No. 3:406-410 '79

GUNNERY, AERIAL

See also
Fighter Weapons and Gunnery Meets

On guns & bombers. illus Combat Crew 29:18-19+ May '79

They're putting a gun system on the F/A-18 that won't do the job. Maj Robert Hickson. illus tabs MarCor Gaz 63:37-43 Aug '79

GUNNERY RANGES see Bombing and Gunnery Ranges

GUNS

See also
Machine Guns

Carl Gustaf--a weapon that works! Maj M.R. Janay. illus Mil Rev 59:59-63 Jan '79

General (Fyodor Fyodorovich) Petrov's guns. LtCol N. Solovyov. illus Soviet Mil Rev No. 5:39-41 May '79

Light heavyweight. David G. Holmes. illus Armor 88:35-38 May-Jun '79

Navy gun systems: 'Alive and well.' James L. George. illus Sea Power 22:25-28 Oct '79

On the firing line. Regular feature in issues of National Defense beginning with July-August 1979

GUNS - Continued

Phalanx in production for the U.S. Navy. J. Philip Geddes. illus Intl Def Rev 12, No.9:1583-1584 '79

A sea-based interdiction system for power projection. Charles E. Myers, Jr. illus tabs US Nav Inst Proc 105:103-106 Nov '79

(Semi-active laser) guided projectile creates new dimension in naval warfare. CAPT J.D. Miceli. illus Def Elect 11:55-58+ Jul '79

We've got 301 (M198, 155-mm towed howitzer) Maj William Whelihan. illus Fld Arty J 47:9-12 May-Jun '79

Why the Marine Corps is adopting a new howitzer. LtCol Richard Moore and others. illus tabs MarCor Gaz 63:51-59 Apr '79

History

Firing the Molly Stark. Frederick John. illus Army 29:25-28 Jul '79

Maj Barnhard's magnificent folly. Col Glenn E. Fant, Ret. illus Army 29:50-52 Dec '79

The roar of the 8-incher. Truman R. Strobridge and Bernard C. Nalty. illus Natl Def pt 1, 64:30-32 Sep-Oct '79; pt 2, 64:63-65 Nov-Dec '79

Whence the 105-mm howitzer. Janice E. McKenney. (Abridged from Military Affairs, April 1978) illus tab Fld Arty J 47:34-41 May-Jun '79

GUNSHIPS

The preparation: The helicopter bred for assault. David Harvey. illus Def & For Aff Dig 7, No.8: 4-7+ '79

The problem with the attack helicopter. Maj William V. Chiaramonte. illus Mil Rev 59:48-55 Jun '79

Russia

A legacy from Lenin. Joseph E. Backofen, Jr. illus tab Armor 88:10-12 Jan-Feb '79

Soviet attack helicopter (Hind-A). Capt Robert M. Johnson. illus tab Armor 88:23-25 Sep-Oct '79

United States

AAH (Advanced Attack Helicopter). LtCol Stanley E. Grett. illus tabs Armor 88:38-40 Mar-Apr '79; USA Avn Dig 25:14-19 Apr '79

Attack helicopter fundamental tactics. Col John C. Bahnsen. illus USA Avn Dig 25:6-8 Apr '79

GUNSHIPS - ContinuedUnited States - Cont'd

Attack helicopter operations. LtCol John R. McQuestion. Armor 88:20-22 Sep-Oct '79

Attack helicopters for a successful defense. LtCols Eugene H. Grayson, Jr and Glenn R. Allen. illus USA Avn Dig 25:12-15 Nov '79

The helicopter--design frontier, airborne visibility. BrigGen Samuel G. Cockerham, Ret. illus tabs USA Avn Dig 25:1-5 Dec '79

J-CATCH (Joint Countering ATtack Helicopters). Capt Joe Vallimont. illus TAC Attack 19:24-28 Mar '79

The long delay with Army's ASH (Advanced Scout Helicopter). Frank G. McGuire. Govt Exec 11: 20-22 Aug '79

On the attack helicopter. Interview. BrigGen Edward M. Browne. illus tabs USA Avn Dig 25:2-7 Jan '79

Tank versus helicopter. LtCol Charles W. Abbey. Armor 87:34-36 Nov-Dec '78

GUNSIGHTS see Fire Control Equipment

GUTHRIE, John R.

DARCOM: Old solutions will no longer suffice. Gen John R. Guthrie. por Army 29:50-55 Oct '79

"Exquisite discretion" on "when to run interference." Interview. Gen John R. Guthrie. por Armed Forces J Intl 117:22+ Oct '79

Supporting the Army in the eighties. Gen John R. Guthrie. Army Log 11:22-25 Sep-Oct '79

GUYANA

Airlift to Guyana. LtCol Tom Beal. illus map Natl Guard 33:4-7+ Jan '79

Guyana. Andrew McCarthy and others. illus Air Reservist 31:6-9 Dec '78-Jan '79

Guyana airlift a massive team effort. Armed Forces J Intl 116:42 Jan '79

Reserve heavily involved in Guyana operations. illus Officer 55:14 Jan '79

GYROSCOPES

What's a ring laser gyro? Capt John T. Boeck, Jr. illus Navigator 26:18-20 Spring '79

HEW see Health, Education, and Welfare Dept

HSC see Army Health Services Command

HAIG, Alexander M., Jr

Meeting the theater nuclear test: (Gen) Alexander Haig's call for pragmatic leadership. Alexander Scott. por Armed Forces J Intl 117:65-66 Nov '79

NATO commanders view C3. Gen Herman F. Zeiner and others. Signal 33:10-12 Apr '79

HAITI

Military Occupation, American

The military occupation of Haiti. Robert Debs Heinl and Nancy Gordon Heinl. map illus MarCor Gaz pt 1, Pacification, 1915-1921. 62:28-41 Nov '78; pt 2, Problems and programs, 1920-1928. 62:46-56 Dec '78; pt 3, American recession, 1929-1934. 63:48-57 Jan '79

HALVORSON, George G.

The role of high-speed ships in the U.S. Navy. RADM George G. Halvorson. por US Nav Inst Proc 105: 33-41 Jan '79

HANDICAPPED

Child care centers broaden admissions. Len Famiglietti. AF Times 39:10+ Mar 12 '79

Disability evaluation: Retention, retirement, separation. SgtMaj Bruce N. Bant. illus Soldiers 34:49-52 Nov '79

New hope for the disabled. Steve Abbott. illus Soldiers 34:28-33 Apr '79

A very special kind. (USAF personnel and bases help with the Special Olympics) Capt Katie Cutler. illus Airman 23:44-48 Dec '79

HANDLING OF MATERIALS see Materials Handling

HANKS, Robert J.

The strategic tremors of upheaval in Iran. Alvin J. Cottrell and RADM Robert J. Hanks, Ret. por Strat Rev 7:50-56 Spring '79

U.S. national strategy: Outward bound ... with inadequate charts. (Prize Essay, 1979) RADM Robert J. Hanks, Ret. por US Nav Inst Proc 105:30-35 Apr '79

HANSELL, Haywood S.

Gen Muir S. Fairchild: Strategist, statesman, educator. MajGen Haywood S. Hansell, Jr, Ret. AF Mag 62:72-74 Jan '79

HARBORS see Ports

HARRISON, Billy M.

Notes from the Professional Military Comptroller School (Air University, Maxwell AFB, AL): Comptrollership in the acquisition & support activities. LtCol Billy M. Harrison. por AF Compt 13:30-31 Jan '79

HAWAII

Funds cut sought for Hawaii hotel (Hale Koa). AF Times 39:9 Feb 26 '79

Hawaii: What's it like at the end of the rainbow? Marianne Lester. illus AF Times, Times Magazine sup: entire issue Apr 16 '79

HAWAII - Continued

The history of Army Aviation in Hawaii. LtCol Harold B. Richards. illus USA Avn Dig 25:15-23 Jun '79

Plush Waikiki hotel (Hale Koa) lost \$300,000. AF Times 39:17 Jan 8 '79

Rec center (at Kilauea Military Camp, HI) cuts volcano tours. AF Times 40:3 Sep 24 '79

HAYES, John B.

'A most unusual balancing act'--the Coast Guard today and tomorrow. ADM John B. Hayes. Sea Power 22:19-23 Aug '79

HAYWARD, John T.

Nuclear war: The tactical option. Guest editorial. VADM John T. Hayward, Ret. por Mil Elect/Countermeasures 5:32-33 Feb '79

HAYWARD, Thomas B.

Admiral Hayward cites capabilities in late 1980s. por Officer 55:10-11 Jul '79

CNO (ADM Thomas B.) Hayward cites professionalism as theme. por Officer 55:8 Apr '79

The future of U.S. sea power. ADM Thomas B. Hayward. por US Nav Inst Proc 105:66-71 May '79

The United States Navy. ADM Thomas B. Hayward. por NATO's Fifteen Nations 23:104-108+ Special Issue '78

HAZARDOUS DUTY PAY see Incentive Pay

HAZARDOUS MATERIALS see Hazardous Substances

HAZARDOUS SUBSTANCES

Chemical/propellant hazards. TIG Brief 31:16 Apr 20 '79

Chlorine: When in doubt, test for leaks. TIG Brief 31:11 Mar 23 '79

The F-16 emergency power unit. Capts Roy A. Hodges and James F. Dugan. illus TAC Attack 19:4-7 Feb '79

Flammable aerosol propellants: A household hazard. TIG Brief 31:18 Sep 21 '79

Hydrazine: An insidious killer? TIG Brief 31:4 Jul 2 '79

Hydrazine and the F-16. Maj Warren D. Tuttle. illus Aerosp Safety 35:8-10 Nov '79

Procedures for hazard classification of explosives. TIG Brief 31:17-18 Apr 20 '79

Stricter standards set for lead exposure. Ron Sanders. AF Times 39:2 Jul 23 '79

What is N₂H₄? Capt Pete Abler. illus TAC Attack 19:18-19 Jan '79

Transportation

Frustrated air cargo loses twice. Capt Joseph B. Kmetz. illus Translog 10:18-19 Jan '79

Fuel spills on military aircraft. TIG Brief 31:17 Jul 2 '79

Intransit security requirements. TIG Brief 31:12 May 18 '79

HEADQUARTERS AIR FORCE RESERVE

Air Force Reserve. illus tab AF Mag 62:108-109 May '79

Bodycombe pilots Reserve. CMSgt Matt Mitchell. illus Air Reservist 31:6-7 Jun '79

General Bodycombe served in successively important posts. illus Officer 55:14 Jun '79

New Chief (of Air Force Reserve) nominated. (MajGen Richard Bodycombe) illus Air Reservist 31:4 Apr '79

HEALTH AND HYGIENESee also

Diseases
Mental Health
Nutrition
Physical Fitness

Amazon patrol. LT Douglas R. Burnett. illus map US Nav Inst Proc 104:50-57 Dec '78

Congress told of health hazards at Hill (AFB, UT). Ron Sanders. AF Times 39:1+ Apr 16 '79

Cross-country with a BEE (BioEnvironmental Engineers). (Interview with LtCol Ronald D. Burnett) illus Air Reservist 31:16-17 Feb '79

Fitness for war--food and feet. (Report of seminar, RUSI, March 7, 1979) RUSI J for Def Studies 124: 18-28 Sep '79

Health and high command: Stress, sleep and climate change. (Report of a seminar, RUSI, Nov 29, 1978) Brig Harry Pozner, Ret and others. RUSI J for Def Studies 124:18-28 Jun '79

Health benefits advisor. TIG Brief 31:9 Apr 6 '79

Hill AFB (UT) health probe backed. Ron Sanders. AF Times 39:4 Apr 23 '79

New self-contained, portable laundry/shower facility. illus MarCor Gaz 63:4 Aug '79

Time out from tension. Ruanne K. Peters and Herbert Benson. (Reprinted from Harvard Business Review, Jan-Feb 1978) tabs Def Mgt J 14:22-25 Nov '78

HEALTH, EDUCATION, AND WELFARE DEPT

DOL, HEW and WIN: Closing in with computers. Govt Exec 11:49-50 Oct '79

Kennedy plan: No lost health benefits seen. Richard C. Barnard. AF Times 39:4 Jan 29 '79

The states can clean up Washington's act. (Interview with Bob Carleson) C.W. Borklund. illus Govt Exec 11:35+ Aug '79

HEALTH SERVICES COMMAND see Army Health Services CommandHEARINGSee also

Ears
The silent treatment. illus Interceptor 21:14-15 Apr '79

HEART

Age trends in the cardiovascular dynamics of air-crewmen. Walter K. Harrison and J. Eldrid Smith. tabs Aviation, Space & Envmt Med 50:271-274 Mar '79

HEART - Continued

Cardiac response to whole-body heating. Mary Anne Bassett Frey and Richard Alec Kenney. illus tabs Aviation, Space & Envmt Med 50:387-389 Apr '79

Cardiorespiratory assessment of decongestant-anti-histamine effects on altitude, $+G_z$, and fatigue tolerances. Michael T. Lategola and others. tabs Aviation, Space & Envmt Med 50:101-109 Feb '79

Cardiovascular regulatory response to lower body negative pressure following blood volume loss. Masashi Shimizu and others. illus tabs Aviation, Space & Envmt Med 50:24-33 Jan '79

Frequency analysis of heart rate variability under flight conditions. Chiharu Sekiguchi and others. illus tabs Aviation, Space & Envmt Med 50:625-634 Jun '79

The 24-hour cycle and nocturnal depression of human cardiac output. J.C. Miller and M. Helander. tabs Aviation, Space & Envmt Med 50:1139-1144 Nov '79

HEATSee also

Temperature
Thermodynamics

Fighter Index of Thermal Stress (FITS): Guidance for hot-weather aircraft operations. Sarah A. Numneley and Richard F. Stribley. tabs Aviation, Space & Envmt Med 50:639-642 Jun '79

Physiological Effects

Cardiac response to whole-body heating. Mary Anne Bassett Frey and Richard Alec Kenney. illus tabs Aviation, Space & Envmt Med 50:387-389 Apr '79

Cockpit thermal stress and aircrew thermal strain during routine Jaguar operations. T.M. Gibson and others. tabs Aviation, Space & Envmt Med 50:808-812 Aug '79

Effect of water and electrolyte replacement during exercise in the heat on biochemical indices of stress and performance. Kennon T. Francis. tabs Aviation, Space & Envmt Med 50:115-119 Feb '79

Thermal conduction effects in human skin. A.M. Stoll and others. illus tabs Aviation, Space & Envmt Med 50:778-787 Aug '79

Thermal strain resulting from protective clothing of an armored vehicle crew in warm conditions. René Henane and others. tabs Aviation, Space & Envmt Med 50:599-603 Jun '79

HEATING SYSTEMS

Monitoring device costs little, saves a lot. William L. Kellan. illus AF Engrg & Svcs Qtr 20:32-33 Nov '79

HECKER, Guy L., Jr

The new MX ICBM. (Presentation, Subcommittee on Public Lands of the House Committee on Interior and Insular Affairs, Washington, Oct 2, 1979) BrigGen Guy L. Hecker, Jr. AF Pcly Ltr for Comdrs: Sup No.12:2-5 Dec '79

HEISER, Joseph M., Jr

The long-term defence programme: Crucial to credible deterrence. LtGen Joseph M. Heiser, Jr, Ret. Def Mgt J 15:2-7 Jul-Aug '79

HELICOPTER INDUSTRY AND TRADE

The preparation: The helicopter bred for assault.
David Harvey. illus Def & For Aff Dig 7, No.8:
4-7+ '79

The world's military helicopter fleet and its predicted growth to 1990. illus Interavia 34:677-678
Jul '79

Exhibitions

31st HAA (Helicopter Assoc of America) Show (Las Vegas, NV, Jan 14-17, 1979)--a Twin Star is born. Marc Grangier. illus tab Interavia 34:199-202 Mar '79

Europe, Western

Race on a two-way street--can Europe guard its lead in helicopter technologies? David Harvey. illus Def & For Aff Dig 7, No.8:20-21+ '79

France

The AS. 332 Super Puma--a European UTTAS. Marc Grangier. illus tab Interavia 34:170-172 Feb '79

Germany(Federal Republic)

The MBB/Kawasaki BK117--tailored to the offshore operations market. illus tabs Interavia 34:324-327 Apr '79

Japan

The MBB/Kawasaki BK117--tailored to the offshore operations market. illus tabs Interavia 34:324-327 Apr '79

HELICOPTER TYPE

Only U. S. military helicopters are entered under type. For helicopters of other countries see entries under specific categories, e. g., Helicopters, Military--Great Britain.

AH-1

Cobra program position report. Col Jay W. Pershing. illus tab USA Avn Dig 25:2-4 Oct '79

Modernized Cobra. Col Robert P. St Louis. illus USA Avn Dig pt 1, 24:2-7 Jan '78; pt 2, 24:19-25 Feb '78; pt 3, 24:8-13 Mar '78; Update. 25:25-45 Oct '79

Modernized Cobra fire control system. George L. Cohill. illus USA Avn Dig 25:5-13 Oct '79

New AH-1S ECAS Cobras. 2dLt Cynthia L. Sims. illus USA Avn Dig 25:34-36 Sep '79

TOW missiles fired from AH-1T Cobra. SSgt Cal Openshaw. illus MarCor Gaz 63:4 May '79

The tank killers. Sgt R. T. Edwards. illus Army 29: 28-31 Feb '79

AH-64

AAH (Advanced Attack Helicopter). LtCol Stanley E. Grett. illus tabs Armor 88:38-40 Mar-Apr '79; USA Avn Dig 25:14-19 Apr '79

Black Hawk

See UH-60

CH-3

This chopper can swim. illus AF Times 39:23 Feb 26 '79

HELICOPTER TYPE - ContinuedCH-47

Boeing introduces commercial Chinook: B.234 aimed at complete new market. illus tabs Interavia 34: 411-414 May '79

CH-47 deployment. Betty Goodson. illus USA Avn Dig 25:24 Oct '79

For the 1980's and 1990's--Army's medium lift helicopter. illus Army Log 11:4-5 Jan-Feb '79

Nonrefueled chopper hop set. AF Times 40:8 Aug 13 '79

Operation Northern Leap. illus map USA Avn Dig 25: 65-67 Oct '79

Self-deployment of CH-47 medium lift helicopters to Europe. LtCol James B. Thompson. illus USA Avn Dig 25:6-7 Aug '79

Why? CH-47D. Col James H. Hesson. illus tabs USA Avn Dig 25:2-7 Sep '79

CH-53

Slings it! (Heavy-lift helicopters of the 701st Tactical Air Support Sq perform many tasks) Capt Katie Cutler. illus Airman 23:18-23 Feb '79

CH-54

The old, the new ... and the memories: Army Guard chopper takes an "old bird" for her last flight in the wild blue yonder. (Airlift by helicopter of a B-24D to Eighth Air Force Museum, Barksdale AFB, LA) illus Natl Guard pt 1, 33:12-15 May '79

Chinook

See CH-47

Cobra

See AH-1

HH-53

New eyes for the Giant. (Modifications to the HH-53H helicopter include new radar and navigation systems) Sgt Craig Pugh. illus Airman 23:30-33 Dec '79

Hueycobra

See AH-1

Iroquois

See UH-1

Kiowa

See OH-58

LAMPS

See SH-60

Nighthawk

See UH-1

OH-58

The improved OH-58. Maj Vincent P. Mancuso. illus tab USA Avn Dig 25:42-46 Nov '79

SH-60

Seahawk stirs foreign interest. Deborah Gallagher Meyer. illus Armed Forces J Intl 117:12 Oct '79

HELICOPTER TYPE - Continued

See CH-3 Sea King

See AH-1 Seacobra

See SH-60 Seahawk

See CH-53 Seastallion

See CH-54 Skycrane

See CH-54 Tarhe

UH-1

Destination: Montreal. (Vermont Army National Guard UH-1 Hueys assigned to Canadian production company filming the disaster movie, "City on Fire") SP5 Jay Schmidt. illus USA Avn Dig 25: 20-22 Apr '79

UH-60

What's new in Army Aviation? LtCol William D. Siuru, Jr. illus AU Rev 31:55-65 Nov-Dec '79

YAH-64

The long delay with Army's ASH (Advanced Scout Helicopter). Frank G. McGuire. Govt Exec 11: 20-22 Aug '79

What's new in Army Aviation? LtCol William D. Siuru, Jr. illus AU Rev 31:55-65 Nov-Dec '79

HELICOPTERS

Offshore helicopters: Energy suppliers for the world. illus tab Aerosp Intl 15:18-19+ Feb-Mar '79

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Blades

Advantages of composite rotor blades: When will the U.S. catch up? Marc Grangier. illus Interavia 34: 415-418 May '79

Characteristics

Offshore helicopters: Energy suppliers for the world. illus tab Aerosp Intl 15:18-19+ Feb-Mar '79

Control

See Flight Control Systems

Electronic Equipment

See Electronic Equipment (Aircraft)

Exhibitions

31st HAA (Helicopter Assoc of America) Show (Las Vegas, NV, Jan 14-17, 1979)--a Twin Star is born. Marc Grangier. illus tab Interavia 34:199-202 Mar '79

Inspection

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Preflight Inspections

HELICOPTERS - ContinuedInstruments

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Maintenance and Repair

See Aircraft Maintenance

Manufacture

See Helicopter Industry and Trade

Refueling

See also

In-Flight Refueling

Piloting

Chopper pilot in Russia. (Third World Helicopter Championships, Vitebsk, 1978) LtCol Leslie F. Perkins. illus Natl Guard 33:14-15 Jan '79

Refueling

See also

In-Flight Refueling

Safety Measures

See also

Flying Safety

France

France's aerospace industry--a note of cautious optimism. illus tabs Interavia 34:499-510+ Jun '79

Great Britain

Helicopter passenger survival suit standards in the UK offshore oil industry. William L.B. Leese and J. Nelson Norman. illus map tabs Aviation, Space & Envmt Med 50:110-114 Feb '79

HELICOPTERS, AMPHIBIOUSUnited States

This chopper can swim. illus AF Times 39:23 Feb 26 '79

HELICOPTERS, EXPERIMENTAL see Aircraft, Experimental

HELICOPTERS, GUNSHIP see Gunships

HELICOPTERS, MILITARY

See also

COIN Aircraft

also entries on U.S. military helicopters by model designation under the specific type, e.g., Helicopter Type--AH-64

The case for the helicopter. Gen Hamilton H. Howze, Ret. illus tabs Army 29:16-20 Mar '79

Characteristics of U.S. and USSR military helicopters in common use. International Institute for Strategic Studies. Tables only. AF Mag 62:135 Dec '79

Helicopter notes. Regular feature in some issues of National Defense

How to fight helicopters. Col M. Belov. illus Soviet Mil Rev No.9:18-19 Sep '79

The preparation: The helicopter bred for assault. David Harvey. illus Def & For Aff Dig 7, No.8: 4-7+ '79

HELICOPTERS, MILITARY - Continued

The problem with the attack helicopter. Maj William V. Chiaramonte. illus Mil Rev 59:48-55 Jun '79

Race on a two-way street--can Europe guard its lead in helicopter technologies? David Harvey. illus Def & For Aff Dig 7, No.8:20-21+ '79

The world's military helicopter fleet and its predicted growth to 1990. illus Interavia 34:677-678 Jul '79

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Armament

Agusta A.129 Mongoose--Europe's first day/night anti-tank helicopter. Charles Gilson. illus tabs Intl Def Rev 12, No.9:1511-1514 '79

Cobra program position report. Col Jay W. Pershing. illus tab USA Avn Dig 25:2-4 Oct '79

Modernized Cobra. Col Robert P. St Louis. illus USA Avn Dig pt 1, 24:2-7 Jan '78; pt 2, 24:19-25 Feb '78; pt 3, 24:8-13 Mar '78; Update. 25:25-45 Oct '79

Blades

Modernized Cobra. Col Robert P. St Louis. illus USA Avn Dig pt 1, 24:2-7 Jan '78; pt 2, 24:19-25 Feb '78; pt 3, 24:8-13 Mar '78; Update. 25:25-45 Oct '79

Tracking and balancing helicopter blades. Claud C. Ruthven. illus USA Avn Dig 25:44-46 Aug '79

Canopies

Modernized Cobra. Col Robert P. St Louis. illus USA Avn Dig pt 1, 24:2-7 Jan '78; pt 2, 24:19-25 Feb '78; pt 3, 24:8-13 Mar '78; Update. 25:25-45 Oct '79

Characteristics

The AS. 332 Super Puma--a European UTTAS. Marc Grangier. illus tab Interavia 34:170-172 Feb '79

Characteristics of U.S. and USSR military helicopters in common use. International Institute for Strategic Studies. Tables only. AF Mag 62:135 Dec '79

Gallery of Soviet aerospace weapons: Helicopters. illus AF Mag 62:110-111 Mar '79

Gallery of USAF weapons: Helicopters. illus AF Mag 62:126 May '79

Soviet attack helicopter (Hind-A). Capt Robert M. Johnson. illus tab Armor 88:23-25 Sep-Oct '79

The world's military helicopter fleet. Table only. Interavia 34:679+ Jul '79

Combat Evaluation

Attack helicopter operations. LtCol John R. McQuestion. Armor 88:20-22 Sep-Oct '79

The case for the helicopter. Gen Hamilton H. Howze, Ret. illus tabs Army 29:16-20 Mar '79

The helicopter--design frontier, airborne visibility. BrigGen Samuel G. Cockerham, Ret. illus tabs USA Avn Dig 25:1-5 Dec '79

The hinge. MajGen William J. Maddox, Jr, Ret. illus USA Avn Dig 25:2-4 Jun '79

HELICOPTERS, MILITARY - ContinuedCombat Evaluation - Cont'd

J-CATCH (Joint Countering ATtack Helicopters). Capt Joe Vallimont. illus TAC Attack 19:24-28 Mar '79

Tank versus helicopter. LtCol Charles W. Abbey. Armor 87:34-36 Nov-Dec '78

Control

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Design

Agusta A.129 Mongoose--Europe's first day/night anti-tank helicopter. Charles Gilson. illus tabs Intl Def Rev 12, No.9:1511-1514 '79

The long delay with Army's ASH (Advanced Scout Helicopter). Frank G. McGuire. Govt Exec 11: 20-22 Aug '79

Electronic Equipment

See Electronic Equipment (Aircraft)

Emergency Procedures

Death by misadventure. Col W.L. Traynor, Ret. illus MarCor Gaz 63:58-64 May '79

Ride the wild horse. Maj Charles O. Weir. illus Aerosp Safety pt 1, 35:16-20 Apr '79; pt 2, 35: 6-9 May '79; pt 3, 35:6-9 Jun '79

Engines

Vibration and the T63 engine. illus USA Avn Dig 25: 32-35 May '79

Escort Missions

Evacuation security forces: A tale of courage, ingenuity and perseverance. MajGen R.E. Carey and others. MarCor Gaz pt 1, 31 March-17 April 1975. 63:65-72 May '79; pt 2, 17 April-31 May 1975. 63: 60-66 Jun '79

Fires and Fire Prevention

Fuel on fire--rapid response to a military problem. Dan Boyle. illus tab Interavia 34:554-556 Jun '79

History

The Lamot DuPont Aeronautical Collection of Aircraft Negatives. Milton Sheppard. illus tabs Am Avn Hist Soc J 24:90-98 Summer '79

Ice Prevention

Helicopter icing. illus MAC Flyer 26:20-22 Dec '79

Inspection

See also
Preflight Inspections

Instruments

See Aeronautical Instruments

Landing and Takeoff

Arapaho gives wings to the convoy. David Harvey. illus Def & For Aff Dig 7, No.12:28-29+ '79

A new look at Arapaho--an idea whose time has come? James J. Mulquin. Sea Power 22:23-29 May '79

This chopper can swim. illus AF Times 39:23 Feb 26 '79

HELICOPTERS, MILITARY - ContinuedLanding Zones

Helocasting. Capt Lynn E. Lanzoni. illus Infantry 69: 46-48 Sep-Oct '79

Lift Capability

Density altitude ... summertime or all the time? Maj Walter J. Probka. USA Avn Dig 25:24-25 Apr '79

Maintenance and Repair
See Aircraft Maintenance

Manufacture
See Helicopter Industry and Trade

Modifications

For the 1980's and 1990's--Army's medium lift helicopter. illus Army Log 11:4-5 Jan-Feb '79

Modernized Cobra. Col Robert P. St Louis. illus USA Avn Dig pt 1, 24:2-7 Jan '78; pt 2, 24:19-25 Feb '78; pt 3, 24:8-13 Mar '78; Update. 25:25-45 Oct '79

New eyes for the Giant. (Modifications to the HH-53H helicopter include new radar and navigation systems) Sgt Craig Pugh. illus Airman 23:30-33 Dec '79

Performance

Density altitude ... summertime or all the time? Maj Walter J. Probka. USA Avn Dig 25:24-25 Apr '79

Piloting

Ride the wild horse. Maj Charles O. Weir. illus Aerosp Safety pt 1, 35:16-20 Apr '79; pt 2, 35: 6-9 May '79; pt 3, 35:6-9 Jun '79

Watch your tail. Capt John G. Taylor III. (Reprinted from Aerospace Safety, June 1978) illus USA Avn Dig 25:28-31 Sep '79

Study and Teaching

Helicopter flight training (Marine and Navy) to be combined. MarCor Gaz 63:2 Feb '79

Power PlantsSee also

Helicopters, Military--Engines

RefuelingSee also

In-Flight Refueling

Safety MeasuresSee also

Flying Safety

A matter of teamwork. 1stLt Gerald D. Hicks. illus MAC Flyer 26:9-11 Apr '79

Tails

Watch your tail. Capt John G. Taylor III. (Reprinted from Aerospace Safety, June 1978) illus USA Avn Dig 25:28-31 Sep '79

Takeoff

See Helicopters, Military--Landing and Takeoff

HELICOPTERS, MILITARY - ContinuedWeight

Density altitude ... summertime or all the time? Maj Walter J. Probka. USA Avn Dig 25:24-25 Apr '79

Europe, Western

European naval helicopter requirements and some current solutions. illus tab Intl Def Rev 12, No.4:562-567 '79

Military helicopters in Europe--the proposals and the requirements. Marc Grangier. illus Interavia 34:395-399 May '79

France

The AS.332 Super Puma--a European UTTAS. Marc Grangier. illus tab Interavia 34:170-172 Feb '79

Germany (Federal Republic)

The German Navy procures its first shipborne helicopter. illus tabs Interavia 34:790-791 Aug '79

Great Britain

The Royal Navy's Invincible-class cruisers. R.B. Pengelley. illus Intl Def Rev 12, No.8:1335-1340 '79

Italy

Agusta A.129 Mongoose--Europe's first day/night anti-tank helicopter. Charles Gilson. illus tabs Intl Def Rev 12, No.9:1511-1514 '79

Weapon system series: Sea control-helicopter carrier Garibaldi. Enrico Po. illus tab NATO's Fifteen Nations 24:58-60+ Aug-Sep '79

Russia

Characteristics of U.S. and USSR military helicopters in common use. International Institute for Strategic Studies. Tables only. AF Mag 62:135 Dec '79

Gallery of Soviet aerospace weapons: Helicopters. illus AF Mag 62:110-111 Mar '79

Helicopters in Soviet forces. John J. Metzler. illus Mil Rev 59:54-63 Oct '79

Soviet attack helicopter (Hind-A). Capt Robert M. Johnson. illus tab Armor 88:23-25 Sep-Oct '79

The threat: Mi-24 Hind. illus USA Avn Dig 25:23 Apr '79

The threat: Soviet airmobile operations. USA Avn Dig 25:16 Aug '79

The threat: The Hind myths & facts. Capt Carl E. Daschke. illus USA Avn Dig 25:42-45 Dec '79

United States

Air Cavalry Attack Troop (ACAT). Capt Gordon E. Sayre. illus tabs Armor 87:10-15 Nov-Dec '78

Air superiority at the treetops. LtCol Retsae H. Miller. illus Mil Rev 59:2-9 Mar '79

Attack helicopters for a successful defense. LtCol Eugene H. Grayson, Jr and Glenn R. Allen. illus USA Avn Dig 25:12-15 Nov '79

The case for the helicopter. Gen Hamilton H. Howze, Ret. illus tabs Army 29:16-20 Mar '79

HELICOPTERS, MILITARY - ContinuedUnited States - Cont'd

Characteristics of U.S. and USSR military helicopters in common use. International Institute for Strategic Studies. Tables only. AF Mag 62:135 Dec '79

Gallery of USAF weapons: Helicopters. illus AF Mag 62:126 May '79

The long delay with Army's ASH (Advanced Scout Helicopter). Frank G. McGuire. Govt Exec 11: 20-22 Aug '79

Management of ASW systems: A look at rotary wing ASW. LCDR Stephen R. Arends. illus Nav War Col Rev 32:68-76 Mar-Apr '79

Nonrefueled chopper hop set. AF Times 40:8 Aug 13 '79

On the attack helicopter. Interview. BrigGen Edward M. Browne. illus tabs USA Avn Dig 25:2-7 Jan '79

Slings it! (Heavy-lift helicopters of the 701st Tactical Air Support Sq perform many tasks) Capt Katie Cutler. illus Airman 23:18-23 Feb '79

The tank killers. Sgt R.T. Edwards. illus Army 29: 28-31 Feb '79

What's new in Army Aviation? LtCol William D. Siuru, Jr. illus AU Rev 31:55-65 Nov-Dec '79

HELICOPTERS, TRAINERUnited States

The making of an aviator. MSgt Matt Glasgow. illus Soldiers 34:6-12 Nov '79

HELICOPTERS, TRANSPORTGreat Britain

Westland unveils WG30 transport helicopter. Derek Wood. tabs illus (Also cutaway) Interavia 34:575-577 Jun '79

Russia

Soviet transport helicopters--an examination of the tactical and technological aspects. Peter Borgart. illus tabs Intl Def Rev 12, No. 8:1309-1314 '79

HELICOPTERS IN AGRICULTURE

The farmers of the sky. Andrea Artoni. illus tab Aerosp Intl 15:4+ Aug-Sep '79

HELICOPTERS IN BUSINESS

Is the executive helicopter about to make the scene? Marc Grangier. illus Interavia 34:400-402 May '79

31st HAA (Helicopter Assoc of America) Show (Las Vegas, NV, Jan 14-17, 1979)--a Twin Star is born. Marc Grangier. illus tab Interavia 34:199-202 Mar '79

The 32d NBAA (National Business Aircraft Assoc) Show, Atlanta 1979. illus Interavia 34:1013-1016 Nov '79

HELICOPTERS IN COUNTERINSURGENCY see COIN AircraftHELICOPTERS IN MEDICAL SERVICE

Evaluation of the helicopter in aeromedical transfers. Eddie J. Reddick. tabs Aviation, Space & Envmt Med 50:168-170 Feb '79

HELICOPTERS IN PATROL WORK

The long delay with Army's ASH (Advanced Scout Helicopter). Frank G. McGuire. Govt Exec 11: 20-22 Aug '79

The MBB/Kawasaki BK117--tailored to the offshore operations market. illus tabs Interavia 34:324-327 Apr '79

HELICOPTERS IN RESCUE WORK

Cope Thunder SAR ... a chance to test your skill. Capt William C. Vasser. illus TAC Attack 19:4-7 Jan '79

Hurricane Commancheros. Capt Charles B. Cook. illus USA Avn Dig 25:24-27 Dec '79

National Guard aids injured hunter. SP5 Dail M. T. Adams. illus USA Avn Dig 25:34-37 Aug '79

New eyes for the Giant. (Modifications to the HH-53H helicopter include new radar and navigation systems) Sgt Craig Pugh. illus Airman 23:30-33 Dec '79

One day in Spain. (USAF helicopters help rescue trapped victims of hotel fire in Zaragoza) SSgt Ken McClellan. illus Airman 23:34-37 Dec '79

HELMETS

Aircrew helmet protection against potential cerebral concussion in low-magnitude impacts. R.W. Norman and others. illus tabs Aviation, Space & Envmt Med 50:553-561 Jun '79

California study on motorcycle crashes and injuries. TIG Brief 31:7 Oct 19 '79

Cycle advice: Be seen, wear helmet. AF Times 40:34 Aug 6 '79

Ejection problems and injuries: Their causes, effects and treatments, and suggestions for preventive measures. Cornel Fleming. Aviation, Space & Envmt Med 50:829-833 Aug '79

Eye-ball control. Dan Boyle. illus Interavia 34:874 Sep '79

Helmet (law) repeal study finds fatality jump. tab AF Times 40:32 Nov 19 '79

Helmet-mounted sight allows pilot to keep head up, hands free. illus Def Elect 11:35 Sep '79

Helmet repeal boosts deaths. AF Times 39:26 Feb 5 '79

Leaving helmet in the closet. AF Times 40:20 Oct 29 '79

Local motorcycle mishap prevention efforts. TIG Brief 31:5 Sep 7 '79

Motorcycle helmet found to be effective injury countermeasure. TIG Brief 31:5 Sep 21 '79

SPH-4 helmet damage and head injury correlation. Bruce A. Slobodnik. illus tabs Aviation, Space & Envmt Med 50:139-146 Feb '79

States push-pull on helmet laws. tab AF Times 39:34 May 28 '79

What's new in life support. LtCol Roland D. Guidry. illus TAC Attack 19:4-7 Apr '79

Yesterday, today, tomorrow--aircrew protective helmets. Capt Philip Templin. illus Aerosp Hist 26:17-20 Mar '79

HELMETS - ContinuedHistory

Hats off to helmets. Maj John A. Reichley. illus
Soldiers 34:50-51 May '79

HENKIN, Daniel Z.

Press research affects policy. (Remarks, Media-Military Conference, Naval War College, Newport, RI, Nov 29, 1978) Daniel Z. Henkin. AF Plcy Ltr for Comdrs: Sup No. 2:34-40 Feb '79

HENRY, Richard C.

SAMSO: A look ahead. LtGen Richard C. Henry. AF Mag 62:52-55 Aug '79

HERMANN, Robert J.

Mark, Chayes, Hermann--three are moving up (to AFSec, Under Sec, and an assistant sec). AF Times 39:16 Jul 9 '79

Secretaries Mark, Chayes, Hermann nominated for top USAF posts. Bonner Day. por AF Mag 62:34-35 Aug '79

HERRES, Robert T.

Air Force communications. (Remarks, Armed Forces Communications-Electronics Assoc (Gulf Coast Chap), Biloxi, MS, Oct 17, 1978) MajGen Robert T. Herres. AF Plcy Ltr for Comdrs: Sup No. 12:29-34 Dec '78

HIDALGO, Edward

Hidalgo now Navy Secretary. por Officer 55:13 Nov '79

Hidalgo tapped to succeed Claytor as SecNav. L. Edgar Prina. por Sea Power 22:21-22 Oct '79

HIGHWAYS see RoadsHILL, James A.

Fielding a modern ready Air Force. (Address, AFCEA Washington Chap, April 1979) Gen James A. Hill. por Signal 34:27-29 Sep '79

Our outstanding airmen. (Presentation, Outstanding Airmen Dinner, Air Force Assoc National Convention, Washington, Sep 17, 1979) Gen James A. Hill. AF Plcy Ltr for Comdrs: Sup No. 11:15-19 Nov '79

HILL, James E.

Aerospace Defense Command. por AF Mag 62:66-67 May '79

HILL, John G.

Have we enough spare parts to win a war? MajGen John G. Hill, Jr, Ret. Army 29:34-36 Feb '79

HILSMAN, William J.

C³I communications vital in integration of the force-multipliers. MajGen William J. Hilsman. Army 29:36-38 Mar '79

HISTORY

See also
Military History
also subdivision History under specific subjects

HOLLEY, I. B., Jr

The doctrinal process: Some suggested steps. MajGen I. B. Holley, Jr. por Mil Rev 59:2-13 Apr '79

HOLLOWAY, Bruce K.

China as I knew it: 1942-43. Gen Bruce K. Holloway, Ret. por AF Mag 62:112-119 Sep '79

HOLMES, Ephraim P.

Reflections. ADM Ephraim P. Holmes, Ret. por NATO's Fifteen Nations 24:34-35 Oct-Nov '79

HOME LOANS see Loans, HomeHOMOSEXUALS see SexHONORS see Awards, Decorations, etcHOSPITALSAir Force--U. S.

An effective audit trail. TIG Brief 31:16 Nov 16 '79

Emergency room procedures for patients contaminated by radioactive material. TIG Brief 31:20 Oct 5 '79

General surgery halted at 3 base hospitals. Ron Sanders. AF Times 40:2 Aug 13 '79

Hospital admissions. TIG Brief 31:10 Jan 26 '79

Hospitals and their specialties. AF Times 39:17-18 Jun 18 '79

Third-party liability notification. TIG Brief 31:8 Mar 23 '79

Armed Forces--U. S.

Can civilians run better hospital? AF Times 40:26 Sep 17 '79

Service kin urged to use military hospitals more: GAO report. AF Times 39:10 Jan 22 '79

Army--U. S.

WRAMC (Walter Reed Army Medical Center): In pursuit of excellence. Brian Sullivan. illus Soldiers 34:6-10 Jul '79

United States

GAO letter: Don't treat casualties in civilian hospitals. AF Times 40:18 Nov 12 '79

A Guardsman remembers the "back wards" (in Rhode Island's Institute for Mental Health/General Hospital during nurses' and attendants' strike). Ch(Maj) Thomas J. Clarke. illus Natl Guard 33:26-27 Nov '79

New hope for the disabled. Steve Abbott. illus Soldiers 34:28-33 Apr '79

HOSPITALS, AMERICANEurope, Western

The doctor shortage. Marion Corrdry. illus Army 29:18-24 May '79

HOTELS AND MOTELS

Funds cut sought for Hawaii hotel (Hale Koa). AF Times 39:9 Feb 26 '79

Panel (Investigations Subcommittee, House Armed Services Committee) shifts, backs Hale Koa. AF Times 39:33 Jun 4 '79

Report on Hale Koa: Cut back operation. AF Times 39:60 May 14 '79

HOTELS AND MOTELS - ContinuedCosts

Plush Waikiki hotel (Hale Koa) lost \$300,000. AF Times 39:17 Jan 8 '79

HOURS OF LABOR

Some military people may get 4-day week. Don Mace. AF Times 40:8 Oct 29 '79

HOUSEHOLD EFFECTS

The Carrier Evaluation and Reporting System: A positive incentive for quality. Mark J.O'Konski. illus Translog 10:3-5 Feb '79

Cost of shipping HH goods o'seas on rise (GAO). AF Times 40:31 Oct 15 '79

Delayed delivery of household goods. BrigGen Charles C.Irions. TIG Brief 31:1-2 Feb 23 '79

Do-it-yourself move: More \$\$ ahead. Len Famiglietti. AF Times 39:3 May 21 '79

Do-it-yourself movers get \$\$ boost; fuel aid asked. AF Times 39:1+ Jul 16 '79

Ease the pain of moving. Marilyn Pribus. illus Translog 10:8+ May '79

HHG may be lost in Iran. AF Times 39:3 Mar 5 '79

Hello, dolly! (Advice on do-it-yourself moving) Capt Chuck Woodside. illus Airman 23:17-20 Apr '79

Household goods moves: It's our responsibility. TIG Brief 31:16 Jun 1 '79

It's your move. Debbie Howerton. Soldiers 34:37-40 May '79

Mildew ... waiting for a chance. Ronald V.Claussen. illus Translog 10:4-5+ Mar '79

Personal property claims. TIG Brief 31:9 Jul 13 '79

Relief seen for Iran property losses. AF Times 40:9 Sep 10 '79

Required delivery date for personal property. TIG Brief 31:10 May 4 '79

Shipment of professional books, papers, and equipment. TIG Brief 31:11 Nov 2 '79

"There'll always be an England." Robert F.Waldman. illus Translog 10:3-5 May '79

Twice blessed: Reporting shipment loss or damage. TIG Brief 31:6 Jan 12 '79

Unearned transportation charges. TIG Brief 31:11 Nov 16 '79

Laws and Regulations

Rethinking regulatory goals. illus Translog 10:6-7 May '79

HOUSING

See also
Barracks and Quarters

Discrimination

On the move with HRO (Housing Referral Office)--10 years of fair housing. Eleanor R.Linder and Judi O'Brien. AF Engrg & Svcs Qtr 20:18-21+ Feb '79

HOUSING - ContinuedUnited States

DOD criticized on family housing. AF Times 39:43 Apr 16 '79

HUD mortgages can help military buying homes. AF Times 40:36-37 Oct 22 '79

Housing the Air Force family. Ed Gates. illus AF Mag 62:81-85 Jun '79

Off-base housing: More than BAQ. AF Times 40:15 Nov 12 '79

Costs

High-cost areas eyed for extra \$\$. Tom Philpott. AF Times 40:1+ Oct 15 '79

HOVERCRAFT see Air Cushion Vehicles

HOWZE, Hamilton H.

The case for the helicopter. Gen Hamilton H.Howze, Ret. Army 29:16-20 Mar '79

HUGHES, Howard R.

A strange encounter--Charles Lindbergh and Howard Hughes. Murray Green. por Aerosp Hist 26:81-82 Jun '79

HUGHES, James D.

Asian overview. (Presentation, West Point, April 20, 1979) LtGen James D.Hughes. AF Plcy Ltr for Comdrs: Sup No.6:2-6 Jun '79

Pacific Air Forces. por AF Mag 62:82-83 May '79

HUMAN ENGINEERING

Doing it with restraint. Mike Byers. illus TAC Attack 19:24-27 Apr '79

Doing what comes naturally. Maj Stan Santilli. illus Aerosp Safety 35:10-11 Aug '79

HUMAN RELATIONS

Games people play. (Reprinted from Flight Comment, Sep-Oct 1973) illus Interceptor 21:5-8; Appendix: 6 years later. Wayne Griffith. 21:8 May '79

Service--the cornerstone of Accounting & Finance. LtCol C.L.Martin, Jr. illus AF Compt 13:16-19 Jan '79

Sex fraternization: New twist on an old taboo. Lothar H.Wedekind. illus AF Times, Times Magazine sup:6-12 Jun 4 '79

HUMAN RELIABILITY

Attention failures: Human factors. TIG Brief 31:15 Oct 5 '79

Crew attitudes and performance. Capt R.C.Gerber. illus MAC Flyer 26:18-20 Apr '79

The decision to eject. LtCol Bill Young. illus TAC Attack 19:22-23 Apr '79

Enforcement of the two-man concept. TIG Brief 31:8 Nov 16 '79

Evolution of the Personnel Reliability Program (PRP). TIG Brief 31:12 Sep 7 '79

Loss of control? Capt Mike Davis. illus Interceptor 21:23 May '79

HUMAN RELIABILITY - Continued

Nuclear surety and the two-man concept. TIG Brief 31:20 Feb 23 '79

Only you can prevent a PE (Personnel Error). Maj Pete Bracci. illus Interceptor 21:9-11 Aug '79

An ounce of prevention. Capt Bob Gage. illus TAC Attack 19:24-25 May '79

Risk assessment--the first step. Maj Alan T. Reid. illus tab TAC Attack 19:4-6 Aug '79

Risk awareness or blind faith. Gerald M. Bruggink. illus MAC Flyer 26:18-21 Nov '79

That sense of urgency. CW3 Raoul Archambault III. illus USA Avn Dig 25:28-35 Nov '79

Tower of babble. illus MAC Flyer 26:21-23 Jan '79

Use of members who are temporarily decertified from the Personnel Reliability Program (PRP). TIG Brief 31:6 Mar 23 '79

The way it was: Complacency revisited. LtCol Richard A. Rung. illus Aerosp Safety 35:2-4 May '79

What use is history? (Adapted from Approach, May 1979) illus MAC Flyer 26:16-17 Sep '79

HUMAN RESOURCES

The human factor: What does it mean to logisticians. LtCol Ronald E. Knipfer and Maj Richard V. Badalamente. illus Log Spectrum pt 1, Physiological factors. 13:23-27 Spring '79; pt 2, Motivation. 13:5-9 Winter '79

HUMAN RIGHTS see Civil RightsHURRICANES

David! illus map Natl Guard 33:24-25 Oct '79

Eye to eye with David. (Members of the 920th Weather Reconnaissance Gp fly into Hurricane David) MSgt David B. Drachlis. illus Airman 23:7-12 Dec '79

Helping hand! (Army airmen of the Puerto Rico National Guard in the Dominican Republic) illus Natl Guard 33:16-18 Nov '79

Hurricane Commancheros. Capt Charles B. Cook. illus USA Avn Dig 25:24-27 Dec '79

Total force tames Hurricane Fico. Capt Donald R. Cochran. illus Air Reservist 31:14-15 Dec '78-Jan '79

HUYSER, Robert E.

General Huyser takes command (of MAC). por MAC Flyer 26:3 Sep '79

The Military Airlift Command: Air reinforcement for NATO. Gen Robert E. Huyser. por NATO's Fifteen Nations 24:29-31+ Aug-Sep '79

HYDROFOILS

Hydrofoil boats. Maj V. Shchyogolev. illus Soviet Mil Rev No. 8:26-27 Aug '79

Speed in modern warships. Norman Friedman. illus US Nav Inst Proc 105:150-167 May '79

HYDROGEN, LIQUID

Lockheed urges hydrogen fuel. illus tab Interavia 34: 872-873 Sep '79

HYDROPLANING

Skidding around. Maj Pete Abler. illus TAC Attack 19:4-6 Sep '79

You vs hydroplaning ... and the winner is? illus Aerosp Safety 35:2-4 Nov '79

HYDROPORTS see AirportsHYGIENE see Health and HygieneHYPERVENTILATION

Hyperventilation in aircrew: A review. T.M. Gibson. tabs Aviation, Space & Envmt Med 50:725-733 Jul '79

Investigation of a simple, retrospective test for in-flight hyperventilation. T.M. Gibson. illus tabs Aviation, Space & Envmt Med 50:609-613 Jun '79

HYPOXIA

Hyperventilation in aircrew: A review. T.M. Gibson. tabs Aviation, Space & Envmt Med 50:725-733 Jul '79

Hypoxia blues. Capt Don Rupert. illus TAC Attack 19:28-29 Dec '79

Loss of consciousness in high performance fighters. (What to do about it) Maj Peter R. Nash. illus Aerosp Safety 35:6-7 Nov '79

Response of women mountaineers to maximal exercise during hypoxia. Barbara L. Drinkwater and others. tabs Aviation, Space & Envmt Med 50:657-662 Jul '79

ICBM see Missiles

ILS see Integrated Logistic Support

IP see Instructor Pilots

IBERIAN PENINSULA

Strategic Importance

Spain's doubts on the Atlantic journey. Antonio Sánchez-Gijón. illus NATO's Fifteen Nations 23: 61-63+ Feb-Mar '79

ICE

Helicopter icing. illus MAC Flyer 26:20-22 Dec '79

Ice forces on bridge piers. Walter Podolny, Jr. illus Mil Engr 71:341-342+ Sep-Oct '79

Suddenly there's a Valley. Capt Robert B. Robeson. illus USA Avn Dig 25:45-47 Sep '79

ICEBREAKERS

Coast Guard breaks ice with new 140-foot tugs. LT Michael R. Adams. illus tab US Nav Inst Proc 105: 113-115 Feb '79

ICELAND

Strategic Importance

Iceland's role in NATO. Benedikt Gröndal. illus NATO's Fifteen Nations 24:70 Oct-Nov '79

ICING ON AIRCRAFT see Airplanes, Military--Ice Prevention; Helicopters, Military--Ice Prevention

IDENTIFICATION OF MILITARY PERSONNEL

The body identification lab--no flesh and blood, just bones and file cabinets. Marianne Lester. illus AF Times, Times Magazine sup:16-18 Feb 19 '79

DOD launches new ID cards. AF Times 40:19 Aug 6 '79

Easing ID policy: More bad checks. Andy Plattner. AF Times 40:4 Dec 31 '79

New IDs to be tested in January. Suzanne Viau. AF Times 40:1+ Nov 19 '79

Stores, exchanges to tighten ID use. AF Times 39:8 Jul 9 '79

IDEOLOGY

Apologists of militarism. Col Ye. Rybkin. Soviet Mil Rev No. 12:45-47 Dec '79

The collective treatment of defence in the Warsaw Pact states. F. Rubin. RUSI J for Def Studies 123: 43-49 Dec '78

Combat cohesion in Soviet and American military units. Maj Richard A. Gabriel. illus Parameters 8:16-27 Dec '78

Ideological expansion of imperialism. N. Shchukin. Soviet Mil Rev No. 9:53-54 Sep '79

In the service of imperialism. (Reactionary bourgeois theories on war) Col A. Migolatyev. Soviet Mil Rev No. 6:48-49 Jun '79

Islam: A military-political power. Stefan Geisenhayer. illus map Mil Elect/Countermeasures 5:14+ May '79

IDEOLOGY - Continued

The organization of authority in the capitalist state. Nancy Ditomaso. J Pol & Mil Sociol 6:189-204 Fall '78

The Pentagon propaganda machine. Capt T. Belashchenko. illus Soviet Mil Rev No. 7:42-44 Jul '79

The politics of futility. Maj C. C. L. O. Owen. RUSI J for Def Studies 123:20-24 Dec '78

State economic planning: A comparative study of Western Europe and the United States. Martin J. Murray and others. J Pol & Mil Sociol 7:15-34 Spring '79

ILLITERACY

How will we man the fleets? CAPT Brayton Harris, Ret. illus US Nav Inst Proc 105:72-87 May '79

Literacy as a measure: An argument for high quality military manpower. Juri Toomepuu. illus tab Natl Def 63:47-50+ Jan-Feb '79

IMPORT TRADE see Commerce

IN-FLIGHT REFUELING

Climb to the top (of SAC's Hall of Fame). Amn Benita Simone. illus Combat Crew 29:4-7+ Mar '79

Death of the dynamic duo. Capt Roger G. Raper. Combat Crew 29:12-13 May '79

'Go' force on the frontier. (AF's Alaskan Tanker Task Force) MSgt David B. Drachlis. illus Airman 23:2-7 May '79

New KC-10 Air Force tanker. William D. Siuru, Jr. illus Natl Def 63:32-33 Jan-Feb '79

One for the boomers. (A KC-135 refueling pod simulator trains refuelers at Castle AFB, CA) Capt Dick Sheffield. illus Airman 23:2-6 Aug '79

The plastic overlay trick--alternate rendezvous method. Maj John M. Ravenel. illus tabs Navigator 26: 12-13 Spring '79

Red Flag. Maj Terrence L. Dillon. illus maps Combat Crew 29:4-7 Aug '79

The Reserve tanker navigator. Capt Richard A. Stewart. illus Navigator 26:22-24 Winter '79

Tails of the South Pacific. TSgt Jay A. Parry and others. illus Air Reservist 31:16-18 Jun '79

Timed alternate rendezvous. Maj Gerald A. Dixon. illus Combat Crew 29:16-18 Feb '79

Study and Teaching

The Castle (AFB, CA) connection. SMSgt Gerald H. Smith. illus Air Reservist 31:12-13+ Feb '79

The Castle (AFB, CA) story: Making of a crewmember. Capt Ronald S. Bartlett. illus Combat Crew 29:4-7+ Feb '79

IN-SERVICE TRAINING see On-the-Job Training

INACTIVATION OF INSTALLATIONS AND UNITS

Air Force

Bases being realigned; ADC to close. Len Famiglietti. AF Times 39:1+ Apr 9 '79

INACTIVATION OF INSTALLATIONS AND UNITS - Continued

Air Force - Cont'd

Beale (AFB, CA) Pave Paws to retire 3 radar sites. AF Times 40:17 Aug 13 '79

Loring (AFB, ME) reduction halted. AF Times 39:3 Jul 9 '79

Armed Forces

DOD charged with sun belt bias. AF Times 39:28 May 21 '79

DOD to close, trim 79 bases. Robin J. Stein. tab Armed Forces J Intl 116:10 May '79

Joint training eyed after closings. Len Famiglietti. map AF Times 39:7 Apr 16 '79

INCENTIVE PAY

See also

Flight Pay

Incentives. Priority Guard units to share in \$25 million package. tabs Natl Guard 33:11-13 Jan '79

INCOME

See also

Gross National Product

A comparison of the compensation in public and private employment and the effects of unionization in the public sector. Nancy Ditomaso. tabs J Pol & Mil Sociol 7:53-69 Spring '79

Does your wife work? Bruce Callander. AF Times 40:7 Dec 17 '79

The influence of military service on the civilian earnings patterns of Blacks, Mexican Americans, and Anglos. Dudley L. Poston, Jr. tabs J Pol & Mil Sociol 7:71-88 Spring '79

Low-income members due \$\$\$. Don Mace. AF Times 39:3 Jul 23 '79

Variations in veteran/nonveteran earnings patterns among World War II, Korea, and Vietnam War cohorts. Melanie Martindale and Dudley L. Poston, Jr. illus tabs Armed Forces & Soc 5:219-243 Winter '79

Veteran status, earnings, and race--some long term results. Roger D. Little and J. Eric Fredland. tabs illus Armed Forces & Soc 5:244-260 Winter '79

INDIA

Strategic Importance

A passage on India. ACM Christopher Foxley-Norris. Army Qtr 108:137-141 Apr '78

INDIAN OCEAN REGION

(INTELSAT communications satellite--IV-A) Signal 33:64 Feb '79

Soviet naval policy in the Indian Ocean. LCDR William F. Hickman. US Nav Inst Proc 105:42-52 Aug '79

The United States and the crescent of crisis: A view from the region. Shafqat Ali Shah. illus Strat Rev 7:39-50 Fall '79

Strategic Importance

The fifth fleet: A permanent U.S. Indian Ocean force? L. Edgar Prina. illus Sea Power 22:26-29 Apr '79

INDIAN OCEAN REGION - Continued

Strategic Importance - Cont'd

A fifth fleet for the Indian Ocean. RADM Robert J. Hanks, Ret. US Nav Inst Proc 105:98+ Aug '79

The Indian Ocean--a zone of peace or confrontation? D. Semyonov. Soviet Mil Rev No. 11:53-54 Nov '79

The Indian Ocean: Front door of the Middle East. Gregory Copley. map Def & For Aff Dig 7, No. 6: 28-30+ '79

A passage on India. ACM Christopher Foxley-Norris. Army Qtr 108:137-141 Apr '78

Seapower in the Indian Ocean: A requirement for Western security. CAPT John E. Lacouture, Ret. illus maps US Nav Inst Proc 105:30-41 Aug '79

What U.S. and West may have 'lost' in Iran. Col Robert D. Heintz, Jr., Ret. illus Sea Power 22:15-16 Feb '79

INDIANS OF AMERICA see American Indians

INDOCHINA

History

The disaster that might not have been. Col Waller B. Booth, Ret. illus Army 29:26-30 Apr '79

Strategic Importance

Indochina: The eternal cockpit. WgComdr Maharaj K. Chopra, Ret. illus map Mil Rev 59:46-60 Dec '79

INDONESIA

Strategic Importance

Indonesia: Key to security in Southeast Asia. Maj John B. Haseman. map tabs Mil Rev 59:2-10 Jan '79

INDUSTRIAL MOBILIZATION see Mobilization, Industrial

INDUSTRIAL PLANNING

See also

Industry and Defense

The future of industrial base planning. (Address, ADPA Industrial Base Planning Symposium, Alexandria, VA, April 24, 1979) Sen Roger W. Jepsen. illus Natl Def 64:38-39+ Nov-Dec '79

INDUSTRIAL RELATIONS see Labor-Management Relations

INDUSTRY

See also

Industrial Planning

Mobilization, Industrial

also specific kinds of industry, e.g.,

Aerospace Industry and Trade

Aircraft Industry and Trade

Arms Industry and Trade

Electronic Industry and Trade

Fish Industry and Trade

Helicopter Industry and Trade

Missile Industry and Trade

Economic strategy. Regular feature in some issues of Defense & Foreign Affairs Digest

Arabian Peninsula

Arms and the Arabs: Can the AOI (Arab Organization for Industrialization) work? Michael Moodie. illus Def & For Aff Dig 7, No. 2:16-17+ '79

INDUSTRY - ContinuedIsrael

Israel's quest for military independence. Bonner H. Day, illus NATO's Fifteen Nations 23:52-56 Dec '78-Jan '79

Italy

Italy gears up for a new phase in naval sales. (Interview with Ugo Mazza) Ezio Bonsignore, illus Def & For Aff Dig 7, No.9:39-40 '79

INDUSTRY AND DEFENSE

Arms and the Arabs: Can the AOI (Arab Organization for Industrialization) work? Michael Moodie, illus Def & For Aff Dig 7, No.2:16-17+ '79

Avionics: The road ahead. Col Robert S. Ziernicki, Ret, illus AF Mag 62:67-75 Jul '79

(Coping with change) (Sustaining members' luncheon address, AFCEA Convention, Washington, June 20, 1979) Walter B. LaBerge, illus Signal 33:27-29 Aug '79

DOD manufacturing technology program. Lloyd L. Lehn, illus Natl Def 63:42-44+ May-Jun '79

Defence sales. Ronald Ellis, illus RUSI J for Def Studies 124:3-9 Jun '79

Defense industries and government: Foolish adversaries. Guest editorial. O.C.Boileau, illus Govt Exec 11:24-25+ Aug '79

Defense industry news. Regular feature in issues of International Defense Review

Defense production in the Middle East: The new era, illus Def & For Aff Dig 7, No.6:40-41+ '79

Defining 3rd World defense industries, illus Def & For Aff Dig 7, No.5:6-10 '79

Disadvantaged firms: Good, bad, ugly and the dollars. (A critique of small business contracting) Jean M.Skorupski, Govt Exec 11:14+ Jan '79

Egypt revitalizes its defense industry. Gregory Copley, Def & For Aff Dig 7, No.9:32+ '79

Ensuring an adequate technical data baseline. John R. Hart, tabs Def Sys Mgt Rev 2:38-46 Summer '79

Federal policy and the private sector. ADM Jon L. Boyes, Ret, Signal 33:124-125 May-Jun '79

Fielding a modern ready Air Force. (Address, AFCEA Washington Chap, April 1979) Gen James A.Hill, illus Signal 34:27-29 Sep '79

Financial analysis and DOD contractors. BrigGen George William Miller III, illus Armed Forces Compt 24:4-7 Feb '79

Getting traffic moving on NATO's two-way street. Maj Dennis M.Drummond, illus AU Rev 30:26-34 Sep-Oct '79

Improving NATO through armaments collaboration. Interview. Walter B. LaBerge, illus Signal 33: 43-45 Apr '79

Industrial considerations in transatlantic weapons cooperation. Robert A.Gessert, illus tabs Intl Def Rev pt 1, European industry and political perspectives, 12, No.6:921-930 '79; pt 2, Alternative approaches and some implications for the future, 12, No.7:1131-1135 '79

INDUSTRY AND DEFENSE - Continued

The Infantry Fighting Vehicle. Col Daniel K.Malone, illus Natl Def 64:40-45+ Jul-Aug '79

Major defense contracts--value over \$1 million. Regular feature in issues of International Defense Review

Management disciplines: Harbingers of successful programs. David D.Acker, Def Sys Mgt Rev 2: 7-20 Summer '79

Market imperatives of NATO cooperation. Thomas A. Campobasso, Signal 33:37-39 Apr '79

The military-industrial complex: A debate. Productivity in American industry is deflated. Seymour Melman, illus tabs Def Mgt J 15:3-6 Mar-Apr '79

The military-industrial complex: A debate. The nation effectively achieves its objectives. Jacques S. Gansler, illus tabs Def Mgt J 15:2+ Mar-Apr '79

NATO necessity: Arms cooperation. William J.Perry, illus Command Plcy 2:2-7 Sep '79

NATO needs: A challenge to industries. (Remarks, Electronics Industries Symposium, Los Angeles, Oct 25, 1978) BrigGen Walter B.Ratliff, AF Plcy Ltr for Comdrs: Sup No.2:16-26 Feb '79

NATO standardization and interoperability--a time for involvement. (Address, Washington Chapter, American Defense Preparedness Assoc, Arlington, VA, Oct 13, 1978) John J.Ford, illus Natl Def 63:44-46+ Jan-Feb '79

The North Atlantic Treaty's fatal flaw. Thomas A. Callaghan, Jr, illus NATO's Fifteen Nations 24: 144-146+ Oct-Nov '79

The Soviet mobilization base. Norman Friedman, illus AF Mag 62:65-67+ Mar '79

Technology \$\$ unaccounted for. AF Times 40:34 Oct 8 '79

Top management's role in defense technology development for electronics. Kenneth C.Mundell, Signal 33:29-30 Jul '79

Who makes the bullets? Capt Warren S.Lacy, illus Soldiers 34:15-21 Apr '79

Why worry about configuration management? William A.Dean, Def Sys Mgt Rev 2:21-29 Summer '79

INDUSTRY AND STATE

Defence sales. Ronald Ellis, illus RUSI J for Def Studies 124:3-9 Jun '79

Deregulation of the U.S. air transport industry. John F.Brindley, illus Interavia pt 1, Cheered by some, condemned by others, 34:303-306 Apr '79; pt 2, International reactions to deregulation, 34:427-429 May '79

Facing market facts. (Interview with Frank A.Well, Industry and Trade Administration) C.W.Borklund, illus Govt Exec 11:12-13 Aug '79

Industrial considerations in transatlantic weapons cooperation. Robert A.Gessert, illus tabs Intl Def Rev pt 1, European industry and political perspectives, 12, No.6:921-930 '79; pt 2, Alternative approaches and some implications for the future, 12, No.7:1131-1135 '79

Trade: A modern state's rights issue, illus Govt Exec 11:15-17 Aug '79

INERTIAL NAVIGATION see Navigation, Inertial

INFANTRY

- Armoured Infantry? Capt Luigi Rossetto. Army Qtr 109:147-152 Apr '79

Great Britain

"The Jocks" meet the Virginians: One of the many "different" aspects of training in the UK was firing the British Army infantry weapons. John Goolrick. illus Natl Guard 33:17-19 Oct '79

Russia

Equipment

The Infantry Fighting Vehicle. Col Daniel K. Malone. illus Natl Def 64:40-45+ Jul-Aug '79

United States

Has light Infantry really had its day? Maj Robert B. Killebrew. illus Army 29:44-48 Dec '79

The 24th Infantry Division. SP5 Jack Loudermilk. illus Infantry 69:12-14 Jul-Aug '79

The 5th Infantry Division (Mech). LtCol Charles L. Wascom. illus Infantry 69:14-19 May-Jun '79

Equipment

IFV (Infantry Fighting Vehicle). Eric C. Ludvigsen. illus Army 29:26-30 Jun '79

The Infantry Fighting Vehicle. Col Daniel K. Malone. illus Natl Def 64:40-45+ Jul-Aug '79

History

The Infantry Board. Billy A. Arthur. illus Infantry 69:30-33 Jul-Aug '79

Organization

Infantry battalion restructure. MarCor Gaz 63:4 Jul '79

INFANTRY CENTERS AND SCHOOLS

United States

Basic for officers--hands-on training. 2dLt Dale Wilson. illus Soldiers 34:28-30 Jul '79

Combined Arms Simulations Center. Marie B. Edgerton. illus Infantry 69:20-23 Nov-Dec '79

The Infantry's armor. 2dLt Dale Wilson. illus Soldiers 34:11-12 Aug '79

Reserves at (Fort) Benning (GA)--IOBC short course. 2dLt Dale Wilson. illus Soldiers 34:31-32 Jul '79

INFLATION (FINANCE)

Cost analysis: Hard to cope with inflation. Don Mace. AF Times 40:6 Dec 31 '79

DOD's plan gains but ... /annual hike = 2% cut. Tom Philpott. AF Times 39:1+ Jan 1 '79

Fewer steaks on the table? Suzanne Viau. AF Times 39:1+ Apr 23 '79

Inflation outpaces pay; EM victims. Tom Philpott. AF Times 39:1+ Jan 8 '79

Inflation versus the U.S. Navy. LCDR Rene E. Gonzalez, Jr. illus US Nav Inst Proc 105:36-39 Oct '79

INFLIGHT REFUELING see entry under In-Flight as two words

INFORMATION, FREEDOM OF see Freedom of Information

INFORMATION EXPLOSION

The Archives: Government's troubled information manager. John F. Judge. Govt Exec 11:13+ Sep '79

Information--the fourth resource. Robert Maxwell. illus Armed Forces Compt 24:10-11+ May '79

INFORMATION PROGRAMS

The tough task of White House information automation. illus Govt Exec 11:26-27 Sep '79

Air Force

Commanders must communicate. (Presentation, Information Officers Conference Dining Out, Ramstein AB, Ger, Jan 24, 1979) Gen John W. Pauly. AF Plcy Ltr for Comdrs: Sup No.4:19-23 Apr '79

Information: Postholes and ladles and the 10 percent solution. TIG Brief 31:19 Apr 20 '79

Information: The good news and the bad. TIG Brief 31:20 Feb 9 '79

INFORMATION STORAGE AND RETRIEVAL SYSTEMS

See also

Electronic Data Processing Systems
Management Information Systems

AIRS (Accident Information Retrieval System) under development. tab illus USA Avn Dig 25:32-33 Jan '79

INFRARED DETECTORS

EW/IR systems from Selenia. Gowri S. Sundaram. illus Intl Def Rev 12, No.6:1026-1030 '79

Staring IR sensors. Donal B. Lloyd. illus tabs Mil Elect/Countermeasures pt 1, 5:58+ Nov '79; pt 2, 5:32+ Dec '79

INFRARED EQUIPMENT

New generation IR/EO devices ready for production. Richard Hartman. illus Elect Warfare/Def Elect 11:58-60+ Feb '79

(New night attack system, Target Recognition and Attack Multi-sensor--TRAM) illus Signal 33:180 May-Jun '79

INLAND NAVIGATION see Waterways

INMAN, Bobby R.

The NSA perspective on telecommunications protection in the nongovernmental sector. VADM B.R. Inman. por Signal 33:6-9+ Mar '79

INSECTS

Bugstrike! illus TAC Attack 19:9 Oct '79

War is hell on bugs, too. Joyce C. Ware. illus Army 29:37-39 Feb '79

INSIGNIA

Air Force--U.S.

ADCOM's fighter interceptor squadrons. illus Interceptor 21:5-11+ Jan '79

INSIGNIA - ContinuedAir Force--U.S. - Cont'd

Now they wear wings. Capt Bill Sadler. illus MAC Flyer 26:18-19 Dec '79

TAC's newest members. illus TAC Attack pt 1, 19: 4-7 Oct '79; pt 2, 19:4-7 Nov '79

INSPECTIONSee also

Food--Inspection

Air Force

GAO: More 'no notices.' Ron Sanders. AF Times 40:7 Oct 22 '79

Help us improve your inspection system. TIG Brief 31:3 Sep 7 '79

How to be an inspectee. TIG Brief 31:3 Oct 5 '79

Inspection: Heads we win, tails they lose. TIG Brief 31:4 Nov 16 '79

Inspection validity. TIG Brief 31:5-6 Jun 15 '79

Inspections: How much help is enough? TIG Brief 31:3 Jan 12 '79

Inspector's viewpoint. Regular feature in issues of Interceptor

Maintaining a viable physical security inspection program. TIG Brief 31:4 Oct 5 '79

Munitions inspections. TIG Brief 31:8 Jun 15 '79

Positive aspects of self inspection. TIG Brief 31:5 Jun 15 '79

Preparing for inspections. TIG Brief 31:3 May 4 '79

Satisfactory: A twelve-letter dirty word? TIG Brief 31:4 Oct 19 '79

Self-inspection: A look at the basic ingredients. TIG Brief 31:3 Jul 13 '79

Self-inspection: Mission effectiveness and readiness. TIG Brief 31:3 Aug 17 '79

'We're here to help you.' TIG Brief 31:3 Aug 3 '79

Armed Forces

Illegal mail searches continue. AF Times 40:7 Sep 17 '79

Army

Today's IG: The eyes and ears of the Army. LtGen Richard G. Trefry. illus Army 29:99-101 Oct '79

Marine Corps

Let's do away with the IG inspection. Maj R. Hicker-son. MarCor Gaz 63:44-45 Jul '79

MCCRES (Marine Corps Combat Readiness Evaluation System) from a battalion commander's perspective. LtCol R.B. Rothwell. illus tab MarCor Gaz 63:38-46 Jul '79

INSPECTOR GENERALAir ForceSee also

Air Force Inspection and Safety Center

INSPECTOR GENERAL - ContinuedAir Force - Cont'd

FMIs (Functional Management Inspections): To improve the work environment. Maj Jack L. Joines. AF Engrg & Svcs Qtr 20:26-27 Aug '79

Army

Today's IG: The eyes and ears of the Army. LtGen Richard G. Trefry. illus Army 29:99-101 Oct '79

INSTALLATIONSNavy

Designing the Navy's shore installations. RADM Donald G. Iselin. illus map Mil Engr 71:6-10 Jan-Feb '79

INSTRUCTOR PILOTS

Death of the dynamic duo. Capt Roger G. Raper. Combat Crew 29:12-13 May '79

Flight instruction--science and art. John Trobaugh. illus Aerosp Safety 35:2-4 Apr '79

Flying smart starts here. (Instructor pilots are trained at Randolph AFB, TX) Sgt Craig Pugh. illus Airman 23:44-48 Jul '79

How far is too far? CW4 Joe Cocklin. USA Avn Dig 25:12-13 Apr '79

INSTRUCTORS see Teachers and Teaching

INSTRUMENT FLYING

Big instrument. Regular feature in some issues of Combat Crew

Blind flying. CW4 Michael J. Novosel. illus map USA Avn Dig 25:24-31 Jun '79

Tactical instruments: Close encounters of the meteorological kind. Maj Bruce S. Beals. illus USA Avn Dig 25:28-30 Aug '79

INSTRUMENT LANDING SYSTEMS see Automatic Landing Systems

INSTRUMENTS

See also specific kinds of instruments, e.g.,

Aeronautical Instruments
Altimeters
Navigation Instruments
Sensors
Sextants

INSURANCE

CHAMPUS restores MS victim (LtCol Phillip H. Baker) to rolls. AF Times 39:2 Jan 8 '79

Details on double health coverage. AF Times 40:17 Jul 30 '79

Health plan choice divides top officials. AF Times 39:6 Apr 16 '79

Kennedy plan: No lost health benefits seen. Richard C. Barnard. AF Times 39:4 Jan 29 '79

New USAA (United Services Automobile Assoc) data show no officer auto insurance 'ripoff.' Robin J. Stein. tab Armed Forces J Intl 116:10 Feb '79

INSURANCE, LIFE

Estate planning: Avoiding future shock. Steve Abbott. tabs Soldiers 34:44-48 Mar '79

INSURGENCY

The conflict index. Regular feature in issues of Defense & Foreign Affairs Digest beginning with No. 4, 1979

The threat to liberty and the role of intelligence gathering in its defence. Maj D. F. Robinson. Army Qtr 108:409-416 Oct '78

A world at war: Small wars and superpower military intervention. tabs map Def Monitor 8: entire issue Nov '79

INTEGRATED LOGISTIC SUPPORT

Defence logistics management: Centralise, rationalise or leave alone? An American view. LtGen W. W. Vaughan. RUSI J for Def Studies 123:11-17 Dec '78

Derivation of logistic support elements and their integrating relationships. Lee C. Zastovnik. illus Log Spectrum pt 1, 13:5-10 Summer '79; pt 2, 13:10-15 Fall '79

LSAR (Logistic Support Analysis Record)--the wave of the future. H. I. Starr and Oscar D. Teel. illus Log Spectrum 12:33-41 Winter '78

Maintainability, engineering and logistics engineering: Cooperation or conflict. John H. Duddy and others. illus Log Spectrum pt 1, 12:17-22 Winter '78; pt 2, 13:16-22 Spring '79

INTELLIGENCE

See also
Counterintelligence

The threat to liberty and the role of intelligence gathering in its defence. Maj D. F. Robinson. Army Qtr 108:409-416 Oct '78

Germany (Democratic Republic)

HVA (Hauptverwaltung Aufklaerung): A revolutionary intelligence service. Stefan T. Possony. Def & For Aff Dig 7, No. 4:42-43 '79

United States

The NSA perspective on telecommunications protection in the nongovernmental sector. VADM B. R. Inman. illus Signal 33:6-9+ Mar '79

The people sensors. illus Def & For Aff Dig 7, No. 11:42 '79

SALT I leaks vs SALT II leaks. W. Donald Stewart. Armed Forces J Intl 116:27+ Jul '79

The slow murder of the American intelligence community. Benjamin F. Schemmer and others. illus Armed Forces J Intl 116:50-54 Mar '79

(The state of intelligence and foreign policy) (Banquet address, AFCEA Convention, Washington, June 20, 1979) ADM Stansfield Turner, Ret. illus Signal 33:37-40 Aug '79

U.S. intelligence and the Congress. Thomas K. Latimer. illus Strat Rev 7:47-56 Summer '79

INTELLIGENCE, MILITARY

See also
Counterintelligence

MX fiasco: Will it legislate a new market? Harry F. Eustace. Elect Warfare/Def Elect 11:33 Apr '79

INTELLIGENCE, MILITARY - Continued

Offshore patrol. illus tab Intl Def Rev pt 1, Aircraft. 12, No. 5:787-794+ '79; pt 2, Surface craft. 12, No. 8:1341-1350 '79

Take along your cloak and dagger (when you) travel to Communist countries. illus AF Times 40:11 Nov 19 '79

Great Britain

Science, intelligence and policy. R. V. Jones. RUSI J for Def Studies 124:9-17 Jun '79

History

The influence of ULTRA on World War II. Harold C. Deutsch. illus Parameters 8:2-15 Dec '78

NATO

(US and NATO commanders getting more usable intelligence information) Signal 33:76 Apr '79

Russia

The Soviet KGB in America. Howard Handleman. AF Mag 62:57-60 Jun '79

United States

See also
Defense Intelligence Agency

Airborne comint improvements pushed: Guardrail improvements and deficiencies spur new initiatives. illus tab Def Elect 11:61-62 Jun '79

Army beefing up intelligence capabilities. illus Def Elect 11:55-56+ Jun '79

C³I. Alex Durnbrigue. illus Air Def Mag, pp 21-26, Jan-Mar '79

C³I for automated control of tomorrow's battlefield. MajGen Fred K. Mahaffey. illus Army 29:26-30 Mar '79

C³I for automated focus on intelligence picture. BrigGen Albert N. Stubblebine III. illus tab Army 29:33-34 Mar '79

C³I: Managing essential element of the battle. Army 29:25 Mar '79

Combat information: The key force multiplier. CDR Richard E. Pearsall and LtCol Richard C. Wheeler. illus Signal 34:45-47 Oct '79

The human factor in intelligence. Capt James D. Hammond. MarCor Gaz 63:19-20 Apr '79

Intelligence collection management. TIG Brief 31:22 Dec 7 '79

Moving out of the dark ages. 1stLt Ronald G. Greene. MarCor Gaz 63:16-17 Apr '79

National technical means of verification. Robert F. Hanke. map illus Mil Engr 71:308 Sep-Oct '79

SALT II and verification: Adequacy and advocacy. Amrom H. Katz. Mil Engr 71:309-314 Sep-Oct '79

The SALT II verification myth. Jake Garn. illus Strat Rev 7:16-24 Summer '79

Sell intelligence to your unit. 1stLt T. X. Hammes. MarCor Gaz 63:14-15 Apr '79

INTELLIGENCE, MILITARY - ContinuedUnited States - Cont'd

Tactical C³ architecture 1985-1995. (Convention panel, AFCEA, Washington, June 19, 1979) Everett D. Greinke and others. illus Signal 33:63-81 Aug '79

U.S. intelligence and the Congress. Thomas K. Latimer. illus Strat Rev 7:47-56 Summer '79

We now have a new breed of O2. Maj G.W.T.O'Dell. MarCor Gaz 63:15-16 Apr '79

History

Pearl Harbor aftermath. CAPT Wilfred J. Holmes, Ret. illus US Nav Inst Proc 104:68-75 Dec '78

INTERCONTINENTAL BALLISTIC MISSILES see MissilesINTERDICTION

Assault Breaker: A plethora of options. illus Def & For Aff Dig 7, No. 11:38-39 '79

The interdiction mission--an overview. LtCol Steven L. Canby. illus Mil Rev 59:22-27 Jul '79

New European role for USMC. Capt Garry W. Anderson. MarCor Gaz 63:12+ Mar '79

On war, time, and the principle of substitution. Herman L. Gilster. illus AU Rev 30:2-19 Sep-Oct '79

A sea-based interdiction system for power projection. Charles E. Myers, Jr. illus tabs US Nav Inst Proc 105:103-106 Nov '79

INTERNATIONAL ASTRONAUTICAL FEDERATION

Ancient city (Dubrovnik, Yugoslavia) host to IAF Congress (Oct 1-8, 1978). Andrew H. Bellenkes. illus Aviation, Space & Envmt Med 50:94-95 Jan '79

INTERNATIONAL COOPERATIONSee also

Aircraft Industry and Trade--International Aspects
Aviation, Commercial--International Aspects
Missile Industry and Trade--International Aspects
Nuclear Power--International Aspects
Space--International Aspects
Technology--International Cooperation

Can NATO effect standardization? A European view. Patrick Wall. illus Def & For Aff Dig 7, No. 4: 18-20+ '79

The defence of Western Europe--prospects for further collaboration. WgComdr J.B. Parkinson. Royal Air Forces Qtr 18:328-330+ Winter '78

European equipment cooperation. Clifford Cornford. illus RUSI J for Def Studies 124:46-49 Mar '79

France and NATO: An ambiguous relationship. G. Chambost. illus Intl Def Rev 12, No. 4:526-530 '79

Host nation support. (Single Ammunition Logistics System-Korea) LtCol Herbert W. Mylks. illus Army Log 11:2-3 Jan-Feb '79

Improving NATO through armaments collaboration. Interview. Walter B. LaBerge. illus Signal 33: 43-45 Apr '79

INTERNATIONAL COOPERATION - Continued

Industrial considerations in transatlantic weapons cooperation. Robert A. Gessert. illus tabs Intl Def Rev pt 1, European industry and political perspectives. 12, No. 6:921-930 '79; pt 2, Alternative approaches and some implications for the future. 12, No. 7:1131-1135 '79

Interoperability. LtCol Charles W. Montgomery, Ret. Fld Arty J 47:26-27 Nov-Dec '79

Logistics cooperation in NATO through NAMSA (NATO Maintenance and Supply Agency). Harry S. Spaulding. illus tabs Signal 33:25-27 Apr '79

The long-term defence programme: Crucial to credible deterrence. LtGen Joseph M. Heiser, Jr, Ret. illus Def Mgt J 15:2-7 Jul-Aug '79

The looking-glass world of international programs. LtCol David A. Appling. Def Sys Mgt Rev 2:7-18 Spring '79

Market imperatives of NATO cooperation. Thomas A. Campobasso. Signal 33:37-39 Apr '79

NATO logistics. LtGen Eivind H. Johansen. illus Translog 10:2-4 Apr '79

NATO standardization and interoperability--a time for involvement. (Address, Washington Chapter, American Defense Preparedness Assoc, Arlington, VA, Oct 13, 1978) John J. Ford. illus Natl Def 63:44-46+ Jan-Feb '79

A new law of the sea: Why not both ways? LCDR Joel B. Heaton. illus US Nav Inst Proc 105:62-65 Nov '79

Pooling technology for peace. Bruce Callander. AF Times 40:14+ Oct 22 '79

Reforger interoperability. LtCol R. L. Sloane. illus Armor 88:8-9 Sep-Oct '79

The Spacelab program--international participation. Michel Bignier. illus Signal 33:28-31 Feb '79

Special report: Defense electronics exports. illus tabs Def Elect 11:58-62+ May '79

Tactical C³ architecture 1985-1995. (Convention panel, AFCEA, Washington, June 19, 1979) Everett D. Greinke and others. illus Signal 33:63-81 Aug '79

U.S. and Australian Navies communications interoperability--an indispensable requirement for the Australian Navy. Commodore John A. Robertson, Ret. illus Signal 33:61-63+ May-Jun '79

INTERNATIONAL CORPORATIONS see Corporations, InternationalINTERNATIONAL LAW

From "territorial waters" to the "exclusive economic zone": Control and protection of national waters. RAdm Glicerio Azzoni, Ret. illus map NATO's Fifteen Nations 23:146-148 Special Issue '78

International humanitarian law. (Presentation, Inter-American Bar Assoc, San Juan, PR, Aug 28, 1979) MajGen Walter D. Reed. AF Plcy Ltr for Comdrs: Sup No. 10:21-30 Oct '79

Law of the sea. Elliot L. Richardson. Nav War Col Rev 32:3-10 May-Jun '79

The new law of armed conflict. Col G. I. A. D. Draper. RUSI J for Def Studies 124:3-11 Sep '79

INTERNATIONAL LAW - Continued

- A new law of the sea: Why not both ways? LCDR Joel B. Heaton. illus US Nav Inst Proc 105:62-65 Nov '79
- Protecting new frontiers on the ocean floor. LtComdr M.P. Gretton. (Trench Gascolgne Prize Essay, 1977) RUSI J for Def Studies 124:32-34+ Mar '79
- The recovered sunken warship: Raising a legal question. LT Roger D. Wiegley. illus US Nav Inst Proc 105:26-32 Jan '79
- Strategic implications of developments in the law of the sea. Commodore J.R. Hill. illus NATO's Fifteen Nations 24:152-153+ Oct-Nov '79

INTERNATIONAL LOGISTICS NEGOTIATIONS see Arms SalesINTERNATIONAL POLITICS

- America and the Asian power game. Alan Ned Sabrosky. illus Sea Power 22:28-32 Feb '79
- Defence of socialist achievements, an internationalist task. LtCol V. Gorbunov. illus Soviet Mil Rev No.4:7-9 Apr '79
- East-West mutual assessments: Perceptions of the threat. John Fullerton. illus Def & For Aff Dig 7, No.7:40-42+ '79
- Exploiting American vulnerabilities. James A. Nathan. illus Nav War Col Rev 32:39-50 Jul-Aug '79
- Islam: A military-political power. Stefan Geisenhayer. illus map Mil Elect/Countermeasures 5:14+ May '79
- Military experience and foreign policy belief systems. Samuel A. Kirkpatrick and James L. Regens. tabs J Pol & Mil Sociol 6:29-47 Spring '78
- The political potential of parity. LtCol Robert C. McFarlane. illus US Nav Inst Proc 105:28-35 Feb '79
- The Sino-Soviet conflict: A search for new security strategies. William G. Hyland. illus Strat Rev 7: 51-62 Fall '79
- The United States and the crescent of crisis: A view from the region. Shafqat Ali Shah. illus Strat Rev 7:39-50 Fall '79

INTERNATIONAL RELATIONS

See also subdivision Foreign Relations under names of countries

- America and the Asian power game. Alan Ned Sabrosky. illus Sea Power 22:28-32 Feb '79
- Antarctica, the silent continent, awaits the competition. Michael Morgan. illus map Def & For Aff Dig 7, No.10:34-36 '79
- Anti-imperialist unity. S. Golyakov. Soviet Mil Rev No.12:48-49 Dec '79
- The conflict index. Regular feature in issues of Defense & Foreign Affairs Digest beginning with No.4, 1979
- East-West mutual assessments: Perceptions of the threat. John Fullerton. illus Def & For Aff Dig 7, No.7:40-42+ '79
- Forces of "integrated" aggression. L. Semeiko. Soviet Mil Rev No.3:53-54 Mar '79

INTERNATIONAL RELATIONS - Continued

- Lessons of the past and the "Chinese card." Col O. Rzheshesky. Soviet Mil Rev No.8:36-39 Aug '79
- Military experience and foreign policy belief systems. Samuel A. Kirkpatrick and James L. Regens. tabs J Pol & Mil Sociol 6:29-47 Spring '78
- The myth about the "Soviet threat." Col V. Borisov. Soviet Mil Rev No.1:50-51 Jan '79
- The "Soviet military threat"--myth and reality. Marshal N. Ogarkov. Soviet Mil Rev No.10:8-11 Oct '79
- Strategic metaphors. Col John C. Scharfen, Ret and Kristine S. Wilcox. illus US Nav Inst Proc 105:36-41 Sep '79
- Unbreakable alliance of fraternal armies. LtGen A. Mitrofanov. Soviet Mil Rev No.5:8-10 May '79
- A world at war: Small wars and superpower military intervention. tabs map Def Monitor 8: entire issue Nov '79

INTERNATIONAL SECURITY see Security, InternationalINTERPLANETARY FLIGHT see Space Flight
also space flights to specific planets, e.g.,
Space Flight to VenusINTERSERVICE COOPERATION

- Army/Navy guided projectiles: A joint program that works. CAPT J. D. Miceli. Def Sys Mgt Rev 2: 46-49 Spring '79
- Interservice support agreements and mishap prevention. TIG Brief 31:6 Jul 2 '79
- JAAT (Joint Aerial Attack Tactics). SSgt Bob Hubbert. illus USA Avn Dig 25:61-64 Oct '79
- Joint training eyed after closings. Len Famiglietti. map AF Times 39:7 Apr 16 '79
- Managing less-than-major joint programs. CAPT Phillip E. Oppedahl and Col Henry R. Passi. Def Sys Mgt Rev 2:19-29 Spring '79
- Representation and responsibility in a tri-Service program. William C. Wall, Jr. Def Sys Mgt Rev 2:30-33 Spring '79
- "The Shasta disaster"--forgotten lesson in interservice relations. Murray Green. illus AU Rev 30: 68-74 Mar-Apr '79
- Support from the sea. Capt A. Basov. illus map Soviet Mil Rev No.7:34-36 Jul '79
- U.S. Marine Corps: Separate, but not equal. Col Paul E. Wilson, Ret. illus MarCor Gaz 63:20-27 Jan '79

INTERVENTION

- Disillusioned friends: British officers in Southern Russia, 1919-1920. L. T. Morris. Army Qtr 109: 319-336 Jul '79
- French policy in Africa: A lonely battle against destabilization. Pierre Lellouche and Dominique Moisi. tabs Intl Sec 3:108-133 Spring '79
- Military aspects of neo-colonialism. Capt V. Golubev. Soviet Mil Rev No.9:50-52 Sep '79
- Patterns of Soviet involvement in a local war. Amnon Sella. RUSI J for Def Studies 124:53-56 Jun '79
- Russians nervous about U.S. rapid deployment force. LtCol William P. Baxter, Ret. illus Army 29:38-39 Dec '79

INTERVIEWING

- Interviewing women candidates. TIG Brief 31:9-10 May 18 '79

INVENTIONS

How the government obtains patent rights under the ASPR and FPR patent rights clauses. Capt Steven R. Fuschler. AF Law Rev pt 1, When is the government entitled to patent rights? 20, No.3:209-255 '78

A trap for the unwary inventor. TIG Brief 31:6 Apr 20 '79

INVENTORIES

Bar code scanning. Maj Clifford H. Bernath. illus Soldiers 34:41-42 Oct '79

Locator system key to warehousing. Louis D. Fieger. illus Translog 10:7-8+ Nov '79

Physical distribution and the firm. Richard A. Lancioni. illus Def Trans J 35:14-19 Aug '79

IRAN

The crisis in Iran: Why the U.S. ignored a quarter century of warning. Abul Kasim Mansur. Armed Forces J Intl 116:26-33 Jan '79

The fall of the Shah. LtCol John A. Berry and others. illus Mil Rev 59:34-41 Nov '79

HHG may be lost in Iran. AF Times 39:3 Mar 5 '79

How the fall of the Shah hurt the barracks COLA. Tom Philpott. AF Times 39:1+ Mar 12 '79

Iran. MajGen J.D. Lunt. Army Qtr 109:134-136 Apr '79

Iran evacuation said delayed dangerously. Jim Tice. illus AF Times 39:10+ Apr 9 '79

Iranian defense expenditures and the social crisis. Theodore H. Moran. Intl Sec 3:178-192 Winter '78-'79

Marine recounts kidnapping in Iran. (Interview with Sgt Kenneth L. Kraus) Mel Jones. AF Times 39:6+ Mar 12 '79

Relief seen for Iran property losses. AF Times 40:9 Sep 10 '79

The revival of Islamic fundamentalism: The case of Iran. William E. Griffith. Intl Sec 4:132-138 Summer '79

Saudi Arabia: The next Iran? Amos A. Jordan, Jr. illus Parameters 9:2-8 Mar '79

The strategic tremors of upheaval in Iran. Alvin J. Cottrell and RADM Robert J. Hanks, Ret. illus Strat Rev 7:50-56 Spring '79

Tehran diary: An Air Force wife's account of the last days of the Shah's regime. Jerrienne R. Hayslett. illus AF Times, Times Magazine sup:4-10 Apr 2 '79

Triumph of the Iranian people. P. Mezentssev. Soviet Mil Rev No.7:50-51 Jul '79

U.S. non-response to Iran crisis causes loss greater than Vietnam. Col Robert D. Heintz, Jr, Ret. illus Sea Power 22:29-31 Mar '79

Politics and Government

Bakhtiar: Back to Iran? (Interview with Shahpour Bakhtiar) Def & For Aff Dig 7, No.9:34-35 '79

Strategic Importance

The crisis in Iran: Why the U.S. ignored a quarter century of warning. Abul Kasim Mansur. Armed Forces J Intl 116:26-33 Jan '79

IRAN - ContinuedStrategic Importance - Cont'd

What U.S. and West may have 'lost' in Iran. Col Robert D. Heintz, Jr, Ret. illus Sea Power 22:15-16 Feb '79

IRANIAN CRISIS, 1979

AF can't, on its own, carry relief supplies. Don Mace. AF Times 40:4 Dec 24 '79

A bad week--and why. LtGen Ira C. Eaker, Ret. AF Times 40:17-18 Nov 26 '79

Hostages at Rhein-Main, Andrews. illus AF Times 40:3 Dec 3 '79

Of times and moods. Editorial. AF Times 40:17 Dec 3 '79

IRELANDPolitics and Government

Where angels fear to tread: An excursion into Irish politics. Peter J. Villiers. illus RUSI J for Def Studies 124:50-55 Sep '79

IRELAND, NORTHERN

Northern Ireland: The war that never stopped bleeding. Col Jerome J. Haggerty. illus Mil Rev 59:7-14 Jun '79

IRIONS, Charles C.

Delayed delivery of household goods. BrigGen Charles C. Irions. TIG Brief 31:1-2 Feb 23 '79

IRRADIATION see RadiationISELIN, Donald G.

Designing the Navy's shore installations. RADM Donald G. Iselin. por Mil Engr 71:6-10 Jan-Feb '79

Navy facilities engineering operations. RADM Donald G. Iselin. por Mil Engr 71:90-92 Mar-Apr '79

ISLANDS AND ATOLLS

Enewetak clean-up. 1stLt Michael J. Conroy. illus Soldiers 34:24-25 Jan '79

Ie Shima--tiny outpost in the sea: 25 people run bombing range, air field. Mike Daniels. illus AF Times 39:39 Jan 29 '79

ISRAELForeign RelationsEgypt

The Egypt-Israel Peace Treaty. LtGen Ira C. Eaker, Ret. Natl Def 64:12 Jul-Aug '79

Kurdistan

Mideast, Gulf area turmoil will stir Kurds to rise again. Col Robert D. Heintz, Jr, Ret. illus map Sea Power 22:33-34 Apr '79

Lebanon

The Israeli incursion into Lebanon, March 1978 (Operations Adwan Kemal and Litani). Edgar O'Ballance. Army Qtr 108:284-297 Jul '78

Politics and Government

The population factor in the Middle East. Nick Eberstadt and Eric Breindel. tab Intl Sec 3:190-196 Spring '79

ITALY

Lion country. Steve Abbott. illus Soldiers 34:12-18 Feb '79

JTIDS see Joint Tactical Information Distribution System

JET ENGINES - Continued

JAMES, Daniel, Jr

Comments at Tuskegee Institute honoring Black military leaders (Aug 17, 1979). Antonia Handler Chayes. AF Plcy Ltr for Comdrs: Sup No.10:8-13 Oct '79

A tribute to General James. (Remarks, 7th Annual Community Service Awards Banquet, Church of All Nations of Central California, Stockton, Oct 14, 1978) MajGen Thomas E. Clifford. AF Plcy Ltr for Comdrs: Sup No.2:27-31 Feb '79

JAPAN

Ie Shima--tiny outpost in the sea; 25 people run bombing range, air field, Mike Daniels. illus AF Times 39:39 Jan 29 '79

Japan's Army and the modern Japanese military system. Raymond Lamont Brown. map illus RUSI J for Def Studies 123:31-37 Dec '78

Foreign Economic Relations

Japan's world problems. Brig F.W.Speed. tabs Army Qtr 108:404-408 Oct '78

Foreign Policy

Japan and the shifting Asian balance. James E. Dornan, Jr. AF Mag 62:53-59 Feb '79

Japan's world problems. Brig F.W.Speed. tabs Army Qtr 108:404-408 Oct '78

Reassessing the security alliance between the United States and Japan. LT Roger D.Wiegley. illus Nav War Col Rev 32:17-25 Feb '79

Foreign Relations

United States

The portents of signals: U.S.-Japan relations. LtCol Thomas H. Harvey, Jr. illus Nav War Col Rev 32: 77-81 Mar-Apr '79

Reassessing the security alliance between the United States and Japan. LT Roger D.Wiegley. illus Nav War Col Rev 32:17-25 Feb '79

JET ENGINES

The DC-9 Super 80--much more than a simple stretch. J. Philip Geddes. tabs illus (Also cutaway) Interavia 34:865-869 Sep '79

The drive behind the glamor: Engines at the Paris Air Show. Yves Robins. illus Aerosp Intl 15:38+ Jun-Jul '79

Improperly packaged jet engines. TIG Brief 31:7 Aug 3 '79

RB. 199 is Europe's biggest engine program. illus tab Interavia 34:145-146 Feb '79

Ramjet renaissance imminent? Chris Bullock. illus tabs Interavia 34:854-856 Sep '79

Characteristics

Jane's All the World's Aircraft Supplement. Regular feature in issues of Aerospace International; some issues of Air Force Magazine

Pegasus uprating continues. Doug Chopping. tab illus (Also cutaway) Interavia 34:1159-1160 Dec '79

"Stall/stagnation--the pilot factor." Col Art Bergman and Maj Skip Weyrauch. illus tab TAC Attack 19:4-7 Mar '79

Things that go bump in the flight ... or where do all those compressor stalls come from anyway? Capt Pete Abler. illus TAC Attack 19:18-19 Mar '79

Maintenance and Repair

Improper interpretation or altering of engine historical records can cause aircraft accidents. TIG Brief 31:7 May 4 '79

Jet engine oil servicing certification. TIG Brief 31:9 Mar 9 '79

Jet engine records. TIG Brief 31:8 Jul 2 '79

Pacer Comet zips jet engine tests. illus AF Times 39:16 Jan 22 '79

"Stall/stagnation--the pilot factor." Col Art Bergman and Maj Skip Weyrauch. illus tab TAC Attack 19:4-7 Mar '79

Testing

Pacer Comet zips jet engine tests. illus AF Times 39:16 Jan 22 '79

JOB ANALYSIS

Comparison of the job attitudes and interest patterns of air traffic and airway facility personnel. Roger C. Smith. tabs Aviation, Space & Envt Med 50: 1031-1036 Oct '79

JOHANSEN, Eivind H.

Analyzing Army's readiness and sustainability. LtGen Eivind H. Johansen. Signal 33:15-16 Jul '79

Direction for Army logistics. LtGen Eivind H. Johansen, Ret. Army Log 11:10-14 Sep-Oct '79

Maintenance management improvement program. LtGen Eivind H. Johansen. Army Log 11:2-5 Jul-Aug '79

NATO logistics. LtGen Eivind H. Johansen. Translog 10:2-4 Apr '79

JOHNSON, Clarence A.

(RADM Clarence A. E.) Johnson (Jr) becomes Deputy Director of Naval Reserve. por Officer 55:8 Oct '79

JOHNSON, Frederick C.

Naval surveillance and target acquisition. RADM Frederick C. Johnson. Signal 34:13-14 Oct '79

JOHNSON, John B.

Situation summary of Sea Services events. RADM John B. Johnson. Officer 55:13-14 Nov '79

JOHNSON, John B. - Continued

Stormy period to begin (again) on SR strength. RADM John B. Johnson. Officer 55:13 Feb '79

JOINT CHIEFS OF STAFF

(DefSec) Brown: Forget pay fight. Tom Philpott. AF Times 39:3 Jun 4 '79

JCS ask pay study, 'at least' 7 percent hike. Tom Philpott. AF Times 39:1+ Jul 2 '79

JCS views on SALT. (Presentation, Senate Foreign Relations Committee on SALT II, July 11, 1979) David C. Jones. AF Plcy Ltr for Comdrs: Sup No. 9:2-9 Sep '79

The Joint Chiefs on SALT II. LtGen Ira C. Eaker, Ret. AF Times 40:15-16 Aug 6 '79

Nuclear mishap reporting. TIG Brief 31:16 Aug 17 '79

Text of JCS memo on pay. AF Times 39:32 Jul 2 '79

JOINT FORCES

This term applies to forces of one country only. For information on forces of two or more allied countries see Combined Forces.

United States

'Unilateral Corps': Is the U.S. turning a new strategic corner? Col James B. Agnew, Ret. illus Army 29:30-33 Sep '79

JOINT OPERATIONS

This term applies to operations of one country only. For information on operations of two or more allied countries see Combined Operations.

See also specific exercises and/or operations by name.

Airborne anti-tank capabilities scrutinized. (Exercise TASVAL) Richard Hartman. illus tabs Def Elect pt 1, 11:53-54+ Nov '79; pt 2, 11:54-55+ Dec '79

Cope Elite (Army-Air Force exercise in Hawaii). MSgt Tom Jacobus. illus Airman 23:21-28 Mar '79

JAAT (Joint Aerial Attack Tactics). SSgt Bob Hubbert. illus USA Avn Dig 25:61-64 Oct '79

Joint nuclear weapon flight tests. TIG Brief 31:17 Sep 21 '79

1985. (Military exercises help prepare U.S. forces for possibilities similar to those described in the current fiction book, "The Third World War," by John Hackett) Robert K. Ruhl. illus Airman 23: 2-7 Nov '79

REDCOM anywhere, anytime. MSgt Matt Glasgow. illus Soldiers 34:37-40 Jun '79

JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM

New communication in CAS (called Joint Tactical Information Distribution System). Maj William R. Barnard, Ret. MarCor Gaz 63:20-21 Apr '79

New directions in 1980s mil-communications. Jim Martin. illus Elect Warfare/Def Elect 11:78-79+ Apr '79

JONES, David C.

JCS views on SALT. (Presentation, Senate Foreign Relations Committee on SALT II, July 11, 1979) David C. Jones. AF Plcy Ltr for Comdrs: Sup No. 9:2-9 Sep '79

Military posture & national power. Gen David C. Jones. Command Plcy 2: entire issue Jun '79

Military posture and national power--an overview. Gen David C. Jones. por Signal 33:115-116+ May-Jun '79

Military Posture for FY 1980. (Overview, Senate Armed Services Committee, Jan 25, 1979) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No. 3:21-30 Mar '79

No substitutes for military preparedness. Interview. Gen David C. Jones. por AF Mag 62:44-48 May '79

Posture statements; Soviet threat seen. Harold Brown and Gen David Jones. por AF Times 39:12 Feb 12 '79

Russia-America. Interview. Gen David C. Jones. (Reprinted from U.S. News & World Report, Oct 30, 1978) por Command 2:6-9 Feb '79

Strategy and stability. Interview. Gen David C. Jones. por NATO's Fifteen Nations 24:27 Apr-May '79

Women in military--JCS chairman (Gen David C. Jones) meets congresswomen's caucus. AF Times 40:4 Nov 5 '79

JUDGE ADVOCATE GENERALAir Force

Computer-assisted legal research. TIG Brief 31:12 Jun 1 '79

A gathering of legal eagles. (Judge Advocate General's Annual Survey of Law, Judge Advocate School, Maxwell AFB, AL) illus Air Reservist 31:8-9 Feb '79

JAG adds counsels to improve trials. M. L. Craver. AF Times 39:2 Jan 8 '79

JUDICIAL SYSTEMS see CourtsJUNGLE WARFAREStudy and Teaching

Jungle training. SP4 Jeffrey Behuniak. illus Soldiers 34:29-32 Oct '79

K

KAMM, Thomas A.

Conference panel (ROA's Fall Service Conference, Kansas City) presents situation summary (on Navy matters). por Officer 55:10 Jan '79

RADM (Thomas A.) Kamm helped to shape Selected Reserve. por Officer 55:8 Oct '79

KEENER, Bruce, III

A sea-going giant counts candles. RADM Bruce Keener III. Translog 10:2-6 Oct '79

KELLEY, Robert E.

Controlled aggressiveness. BrigGen Robert E. Kelley. TAC Attack 19:10-11 Jan '79

KERWIN, Walter T., Jr

An old soldier speaks. (Adapted from address, USACGSC graduation ceremony, June 9, 1978) Gen Walter T. Kerwin, Jr, Ret. por Mil Rev 59: 40-43 Mar '79

KILLPACK, Larry M.

What the Air Force means to me. (Presentation, Utah Air Force Assoc, April 20, 1979) MajGen L.M. Killpack. AF Ploy Ltr for Comdrs: Sup No.6: 24-29 Jun '79

KING, Ernest J.

Admiral (Ernest J.) King's toughest battle. Lloyd J. Graybar. Nav War Col Rev 32:38-47 Feb '79

KISSINGER, Henry A.

Carter and Kissinger: Contrasts on Africa. Robin N. Montgomery. por Natl Def 64:34-37+ Nov-Dec '79

NATO, Kissinger and the future of strategic deterrence. Bridget Gall. por Armed Forces J Intl 117:58-59+ Nov '79

KLINE, John A.

Lecturing in the ROTC classroom. John A. Kline. por Educ J 21:34-38 '78/'79

KNOX, Henry

Henry Knox--the father of American artillery. Capt Richard L. Heit. por Fld Arty J 47:48-51 Sep-Oct '79

KOMER, Robert W.

Defense adviser for NATO affairs (Ambassador R.W. Komer). por Natl Def 63:5 Jan-Feb '79

KOREA (DEMOCRATIC PEOPLE'S REPUBLIC)

Tunnels for war: A reminiscence. Maj Gene E. Townsend. illus AF Mag 62:98-99 Nov '79

KOREA (REPUBLIC)

The 38th Air Defense Artillery Brigade. Capt Robert W. Taylor. illus Air Def Mag, pp 8-11, Oct-Dec '79

KOREA (REPUBLIC) - Continued

Burnishing the 'Shield of Seoul.' LtGen M. Collier Ross and Maj Charles E. Beckwith. illus Army 29: 48-52 May '79

Korea: A new look at the balance. illus Def & For Aff Dig 7, No.8:33-35 '79

On watch in Korea: Stress and challenge. Gen John A. Wickham, Jr. illus Army 29:66-71 Oct '79

Team Spirit 1979. illus Natl Guard 33:28-29 Jun '79

Foreign RelationsUnited States

Burnishing the 'Shield of Seoul.' LtGen M. Collier Ross and Maj Charles E. Beckwith. illus Army 29: 48-52 May '79

Where the dawn comes up like thunder: The Army's future role in the Pacific. Col Ward M. Le Hardy. illus Parameters 8:37-46 Dec '78

KOREAN WAR, 1950-1953

Asia--image and reality. James H. Toner. illus AU Rev 30:67-71 Sep-Oct '79

Aerial Operations, American

K-6 scrapbook. Alfred E. Cornebise. illus map Am Avn Hist Soc J 23:312-317 Winter '78

"Mosquito." Gene Risedorph. illus Am Avn Hist Soc J 24:45-51 Spring '79

Campaigns and Battles

The Glosters of Gloster Hill. LtCol Herbert C. Hertel. illus map Infantry 69:25-28 Jan-Feb '79

Naval Operations, American

December 1950 at Hungnam. VADM James H. Doyle, Ret and Arthur J. Mayer. illus map US Nav Inst Proc 105:44-55 Apr '79

KROESEN, Frederick J.

U.S. Army, Europe, hones NATO's cutting edge. Gen Frederick J. Kroesen. por Army 29:44-47 Oct '79

KURDISTAN

Mideast, Gulf area turmoil will stir Kurds to rise again. Col Robert D. Heintz, Jr, Ret. illus map Sea Power 22:33-34 Apr '79

KUTER, Laurence S.

D-Day: June 6, 1944. Gen Laurence S. Kuter, Ret. AF Mag 62:96-101 Jun '79

MajGen Frank Purdy Lahm. Gen Laurence S. Kuter, Ret. por AF Mag 62:124-126 Sep '79

MajGen H.A. "Bert" Dargue: A lesson in leadership. Gen Laurence S. Kuter, Ret. AF Mag 62:80-82 Feb '79

KUWAIT

Kuwait Hawk collective training. Maj Joe C. Gonzales. illus map Air Def Mag, pp 30-34, Apr-Jun '79

LMDC see Leadership and Management Development Center

LaBERGE, Walter B.

(Coping with change) (Sustaining members' luncheon address, AFCEA Convention, Washington, June 20, 1979) Walter B. LaBerge. por Signal 33:27-29 Aug '79

Improving NATO through armaments collaboration. Interview. Walter B. LaBerge. por Signal 33:43-45 Apr '79

Tensions convince U.S. of need for defense. Walter B. LaBerge. Officer 55:12 May '79

"... work the people problem in a coupling of the technology." Interview. Walter B. LaBerge. por Armed Forces J Intl 117:20+ Dec '79

LABOR DEPT

United States

DOL, HEW and WIN: Closing in with computers. Govt Exec 11:49-50 Oct '79

LABOR-MANAGEMENT RELATIONS

Great Britain

The Armed Forces and industrial disputes in the United Kingdom. Geoffrey Marshall. Armed Forces & Soc 5:270-280 Winter '79

United States

Interim labor regs due soon--FLRA (Federal Labor Relations Authority) will begin reducing backlog of cases. Don Mace. AF Times 40:6 Jul 30 '79

LABOR PRODUCTIVITY

Productivity improvement in transportation: The first step is measurement. Wendell M. Stewart and James E. Morehouse. illus Def Trans J 35:32-38 Aug '79

Technology transfer: A key to productivity. James A. Higgins. illus Def Sys Mgt Rev 2:7-9 Winter '79

LABOR UNIONS

See also
Military Unions

AFGE (American Federation of Government Employees) would merge its AF units. AF Times 40:11 Nov 26 '79

A comparison of the compensation in public and private employment and the effects of unionization in the public sector. Nancy Ditomasso. tabs J Pol & Mil Sociol 7:53-69 Spring '79

Union action hits AF. Randy Moore. AF Times 39:4 Jan 22 '79

LABORATORIES

See also laboratories by name, e.g.,
Air Force Avionics Laboratory
Air Force Geophysics Laboratory
Naval Research Laboratory

LABORATORIES - Continued

The Federal Laboratory Consortium for Technology Transfer. Robert C. Crawford. Def Sys Mgt Rev 2:53-64 Winter '79

The peripatetic manager: Executive rotation at Dahlgren Laboratory. Philip L. Martin. illus Def Mgt J 15:6-13 Sep-Oct '79

LAHM, Frank P.

MajGen Frank Purdy Lahm. Gen Laurence S. Kuter, Ret. por AF Mag 62:124-126 Sep '79

LAIRD, James L.

Notes from the Professional Military Comptroller School (Air University, Maxwell AFB, AL): Comptrollership in the operating activities. Maj James L. Laird. por AF Compt 13:32-33 Apr '79

LAND BRIDGE see Railroads

LAND WARFARE

But who is guarding the rear? Maj Calvin C. Seybold. chart illus Mil Rev 59:23-28 Jan '79

Exploitation. LtCol Joseph P. Frankoski. illus maps Armor 88:21-23 Jan-Feb '79

Some second thoughts on the Army's blueprint for future land warfare. Martin Blumenson. Natl Guard 33:18-20 Mar-Apr '79

Soviet ground tactics. Maj Edward H. Cabaniss IV. illus Mil Rev 59:37-45 Dec '79

Terrain analysis. LtCol Joseph C. Gross III and Maj Harry B. Beam. illus Armor 88:17-20 Jan-Feb '79

Through woods and marshes. Col E. Lopantsev. map Soviet Mil Rev No. 2:20-21 Feb '79

Trends in Soviet frontal aviation. William Schneider, Jr. illus AF Mag 62:76-81 Mar '79

LANDING CRAFT

Fort Knox's (KY) dryland Navy. LtCol John A. Campbell, Ret. illus Armor 88:16-19 Jul-Aug '79

German landing ships for Nigeria. R. J. L. Dicker. illus tab Intl Def Rev 12, No. 7:1187-1188 '79

Military hardware developments. illus Def Trans J 35:16-17 Dec '79

LANDING OPERATIONS see Amphibious Operations

LANDS, PUBLIC see Property, Government

LANGUAGE AND LANGUAGES

House panel (Appropriations Committee) scores language training. AF Times 40:2 Oct 15 '79

A scrutable Chinese alphabet. illus Maj Stanley E. Henning. illus Mil Rev 59:15-17 Jun '79

A short enemies (of language) list. Argus Tresidder. MarCor Gaz 63:15-17 Feb '79

'Speak English?' Some recruits say, 'no.' AF Times 39:32-33 Mar 26 '79

LANGUAGE AND LANGUAGES - ContinuedTranslating and Interpreting

A better way to use interpreters. Maj Kenneth M. Green. MarCor Gaz 63:18-19 Jul '79

LANGUAGE SCHOOLSArmed ForcesSee also

Defense Language Institute

LARSON, Doyle E.

USAF Security Service. por AF Mag 62:96-97 May '79

LASERSSee also

Beam Weapons

Battlefield laser target designation. D.A. Malcolm. tab illus RUSI J for Def Studies 124:73-78 Jun '79

Computer peripherals: Display technologies vie for human interface role. Murry Shohat. illus map Mil Elect/Countermeasures 5:56+ Sep '79

Laser eye protection for flight personnel. Gloria Twine Chisum. illus tabs Aviation, Space & Envmt Med 50:239-242 Mar '79

Laser satellite communications. Mike Matchman. tab Mil Elect/Countermeasures 5:44-45 Jun '79

Military uses for lasers increase. John Beach. illus Def Elect 11:81-89 Nov '79

(New night attack system, Target Recognition and Attack Multi-sensor--TRAM) illus Signal 33:180 May-Jun '79

Opportunities and imperatives of ballistic missile defense. Malcolm Wallop. illus Strat Rev 7:13-21 Fall '79

(Semi-active laser) guided projectile creates new dimension in naval warfare. CAPT J.D. Miceli. illus Def Elect 11:55-58+ Jul '79

What's a ring laser gyro? Capt John T. Boeck, Jr. illus Navigator 26:18-20 Spring '79

Safety Measures

Laser hazard assessment course. TIG Brief 31:16 Jun 15 '79

Laser protection eyewear. TIG Brief 31:15 Oct 19 '79

LATIN AMERICAForeign RelationsUnited States

Latin America and North American arms. David Harvey. illus Def & For Aff Dig 7, No. 1:12-16+ '79

The shark and the sardines revisited. Rick Cotta. illus Mil Elect/Countermeasures pt 1, 5:22+ Jul '79; pt 2, 5:20+ Aug '79

LAUNCH VEHICLES see BoostersLAW see

International Law

Maritime Law

Military Law

LAWRENCE, Richard D.

Force modernization: Big job, big rewards. MajGen Richard D. Lawrence. por Army 29:27-28 Oct '79

LAWRENCE, Thomas E.

Lawrence of Arabia's debt to seapower. CDR Charles L. Parnell. por US Nav Inst Proc 105:75-83 Aug '79

LAWS AND LEGISLATION

Amendments to the Ethics in Government Act of 1978. TIG Brief 31:17 Sep 7 '79

Carter acts to clarify impact of ethics law. AF Times 39:8 Apr 23 '79

Civil service reform. (Remarks, Conference on Civil Service Reform, Ocean City, MD, Oct 23, 1978) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 12:9-13 '78

Defense Authorization Bill: O'seas kin reduced; doctors get bonus. AF Times 40:4 Nov 12 '79

Defense to Congress: This (officer relief) must be passed. Andy Plattner. AF Times 40:6 Sep 10 '79

EPA: Headed for trouble on trucks and cars. tab Govt Exec 11:32+ Oct '79

Equal employment opportunity civil suits: An analysis of their impact. LtCol George M. Nakano. AF Law Rev 20, No. 2:119-161 '78

Ethics in Government Law amended. Command Plcy 2:8 Sep '79

Ethics (in Government) Law blasted. M.L. Craver and Tom Philpott. AF Times 39:3 Mar 19 '79

Government misuse of technical data--measuring the data owners' damages. Capt Eugene S. Cavallucci. AF Law Rev 20, No. 2:162-181 '78

House delays vote on Defense (Authorization) Bill. AF Times 40:6 Aug 6 '79

How the Tower Amendment works; E-7 current monthly retired pay chart. Randy Shoemaker. tab AF Times 39:4 Apr 16 '79

The Jencks Act. Maj Olan G. Waldrop, Jr. AF Law Rev 20, No. 2:93-118 '78

Limitations on the right to transfer technology. LtCol H.M. Hougren. Def Sys Mgt Rev 2:35-43 Winter '79

Patent infringements: The composition of reasonable and entire compensation under 28 U.S.C. 1498. Capt John T. Flynn. AF Law Rev 20, No. 2:191-200 '78

Senate unit (Armed Services Committee) acts to relax some retirement rules. AF Times 40:3 Nov 12 '79

The week in Congress. Regular feature in some issues of Air Force Times

White House seeks to ease Ethics Act rules. AF Times 39:2 Apr 9 '79

LAWYERS

In your defense. (AF's Area Defense Counsel program provides defense attorneys for defendants in military legal actions) Sgt Craig Pugh. illus Airman 23:37-41 Nov '79

JAG adds counsels to improve trials. M.L. Craver. AF Times 39:2 Jan 8 '79

Novice lawyer system in court scored. AF Times 40:17 Oct 22 '79

LEADERSHIP

See also
Command

A challenge to the system: Leadership selection. Maj James Talley. illus Mil Rev 59:29-33 Jan '79

Coaching can help train leaders. MajGen A.S. Newman. illus Army 29:53-54 Jun '79

Continuous operations in Europe: Feasibility and the effects of leadership and training. Frederick J. Manning. Parameters 9:8-17 Sep '79

Decentralizing develops leaders. Gen William G. Moore, Jr. (Reprinted from MAC News Service, Jan 29, 1979) AF Plcy Ltr for Comdrs: Sup No.4: 24-25 Apr '79

A fine art. Ch(Capt) Thomas Schreck. illus Infantry 69:20-22 May-Jun '79

Games people play. (Reprinted from Flight Comment, Sep-Oct 1973) illus Interceptor 21:5-8; Appendix: 6 years later. Wayne Griffith. 21:8 May '79

The good officer. Gen Maxwell D. Taylor, Ret. (Abridged from Army, May 1978) US Nav Inst Proc 105:80-81 Jun '79

Imperatives of stress on leadership. LTJG David M. Kennedy. US Nav Inst Proc 105:76-77 Feb '79

Junior officers today: The moderating force. LT Carol Alice Hiers. illus US Nav Inst Proc 104: 88-91 Dec '78

Leaders know their place. (Presentation, Security Police Academy Dining-In, Lackland AFB, TX, July 12, 1979) BrigGen William R. Brooksher. AF Plcy Ltr for Comdrs: Sup No.10:34-40 Oct '79

Leadership. Maj John W. Woltersdorf, Jr. illus Armor 88:24-26 Nov-Dec '79

Leadership. (Lecture, Naval War College, May 11, 1949) Douglas Freeman. Nav War Col Rev 32:3-10 Mar-Apr '79

Leadership: A matter of courage. Maj D.P. Evans. MarCor Gaz 63:18-20 Feb '79

Leadership, discipline, airmanship. Col Robert D. Anderson. illus TAC Attack pt 1, 19:26-27 Nov '79; pt 2, 19:24-25 Dec '79

Leadership for what? Capt Michael J. O'Hara. illus US Nav Inst Proc 105:76-79 Dec '79

Leadership takes on a new aspect when an officer-- takes command! Gen Bruce C. Clarke, Ret. illus Natl Guard 33:14-15 Mar-Apr '79

LEADERSHIP - Continued

A legacy of esprit and leadership. (Address, Army General Staff College, Washington, Jan 18, 1921) MajGen John A. Lejeune. illus MarCor Gaz 63:31-37 Jul '79

The military in a democracy: A review of American Caesar. Forrest Pogue. Intl Sec 3:58-80 Spring '79

The new breed of sailor. QMC Raymond E. Hasson. illus US Nav Inst Proc 105:41-45 Mar '79

An old soldier speaks. (Adapted from address, USACGSC graduation ceremony, June 9, 1978) Gen Walter T. Kerwin, Jr, Ret. illus Mil Rev 59: 40-43 Mar '79

Organizational leadership. Maj Burt Lockwood. illus Infantry 69:26-28 Mar-Apr '79

Retention: Our #1 goal. LTJG Richard T. Anderson, Jr. tabs illus US Nav Inst Proc 105:82-85 Jul '79

Setting shipboard priorities. LCDRs Kenneth R. McGruther and John P. Morse. illus US Nav Inst Proc 105:36-41 Feb '79

So you're going to be a flight leader. Capt Gary L. Sholders. illus Aerosp Safety 35:4-6 Aug '79

The successful subordinate. LCDR Glenn R. Whaley. illus US Nav Inst Proc 105:84-85 Apr '79

Thinking as Air Force leaders. (Presentation, Air Force Assoc National Convention, Washington, Sep 17, 1979) MajGen H.A. Morris. AF Plcy Ltr for Comdrs: Sup No.12:20-26 Dec '79

Two, four, six, eight: Think ahead and delegate. Gen William G. Moore, Jr, Ret. TIG Brief 31:2 Oct 19 '79

What happened to leadership in America? Curtis W. Tarr. illus AU Rev 30:39-46 May-Jun '79

You can't lead if you don't know how to follow. 1stLt Charles V. Crumb, Ret. illus MarCor Gaz 63:26-36 Aug '79

You must believe. Maj Dennis Carlin. illus Mil Rev 59:65-69 Mar '79

"You will implement MBO!" LtCol Philip J. Perles. AU Rev 30:40-45 Sep-Oct '79

Study and Teaching

How will we man the fleets? CAPT Brayton Harris, Ret. illus US Nav Inst Proc 105:72-87 May '79

Leader match: A new approach to leadership development. Maj Joseph V. Potter. illus Educ J 21: 31-33 '78/'79

Speaking of leadership. Maj William C. McDonald. Educ J 21:30 '78/'79

LEADERSHIP AND MANAGEMENT DEVELOPMENT CENTER

A grip at the grassroots. (LMDC's Traveling Teams consult with USAF personnel) Maj Terry A. Arnold. illus Airman 23:16-20 Mar '79

LEAF, Howard W.

Air Force Test and Evaluation Center. por AF Mag 62:103 May '79

LEARNING

See also
Programmed Learning

LEAVE, MILITARY

Military leave. TIG Brief 31:14 Sep 7 '79

LEBANON

Lebanon: A MOUT (Military Operations on Urban Terrain) case study. Paul A. Jureidini and R.D. McLaurin. illus Mil Rev 59:2-12 Aug '79

LEGAL AID

See also
Lawyers

DOD backs legal aid. AF Times 40:4 Dec 17 '79

Save legal aid, bar group (American Bar Assoc) says. AF Times 39:8 Jun 18 '79

LEGISLATION see Laws and Legislation

LEJEUNE, John A.

A legacy of esprit and leadership. (Address, Army General Staff College, Washington, Jan 18, 1921) MajGen John A. Lejeune. por MarCor Gaz 63:31-37 Jul '79

USNA facility named in honor of Gen J.A. Lejeune. MarCor Gaz 63:6 Dec '79

LEMNITZER, Lyman L.

NATO's 30th Anniversary. Gen L.L. Lemnitzer, Ret. por NATO's Fifteen Nations 24:32-33 Oct-Nov '79

LENIN, Vladimir I.

At the head of the Defence Council. MajGen N. Pankrotov. por Soviet Mil Rev No.10:5-7 Oct '79

Lenin and the Soviet Armed Forces. A.F. Myasnikov and others. por Soviet Mil Rev No.12:12p sup Dec '79

Lenin's theory of socialist revolution. Soviet Mil Rev No.10:2-4 Oct '79

LESSONS LEARNED (MILITARY) see as subdivision under specific wars, e.g.,
Vietnamese Conflict, 1957-1975--Lessons Learned (Military)

LIABILITY

Government misuse of technical data--measuring the data owners' damages. Capt Eugene S. Cavallucci. AF Law Rev 20, No.2:162-181 '78

Patent infringements: The composition of reasonable and entire compensation under 28 U.S.C. 1498. Capt John T. Flynn. AF Law Rev 20, No.2:191-200 '78

LIABILITY - Continued

Third-party liability notification. TIG Brief 31:8 Mar 23 '79

LIAISON

Academy honors outstanding liaison officers. illus Officer 55:14 Dec '79

Foster 'alumni' help Academy. Col Richard S. George. illus Air Reservist 31:12-13 Apr '79

LIBYAForeign RelationsEgypt

Libya: Military spearhead against Sadat? Dennis Chaplin. illus Mil Rev 59:42-50 Nov '79

LIDDELL HART, Basil H.

The Fuller-Liddell Hart Lecture: A dialogue. Brig A.J. Trythall and Brian Bond. RUSI J for Def Studies 124:21-31 Mar '79

LIE DETECTORS

AFOSI procedures: Use of lie detector can clear innocent. Ron Sanders. illus AF Times 39:24 Jan 8 '79

Polygraph support. TIG Brief 31:4 Mar 9 '79

LIFE AND DEATH

He 'walked through the valley ...' Susan Foster Ambrose. Army 29:51-52 Apr '79

LIFE CYCLE COSTING see Cost Effectiveness

LIFE INSURANCE see Insurance, Life

LIFE PRESERVERS

Survival equipment (open water environment). TSgt Charles W. Lovelady. illus tab Aerosp Safety 35: 26-27 Sep '79

LIGHT

In the dark of day. (Light-Attenuation Devices (LADs) for simulating night illumination conditions) Paul R. Bleda and Col Anthony Labrozzi. illus Infantry 69:32-34 Mar-Apr '79

LIGHT AIRBORNE MULTI-PURPOSE SYSTEM see Helicopter Type--SH-60

LIGHTING

See also
Airports--Landing Aids

LIGHTNING

Helicopter lightning strikes. CW4 Phillip D. Pettit. (Adapted from United States Army Aviation Digest, Oct 1978) illus Aerosp Safety 35:6-9 Feb '79

In-flight lightning strikes. LtCol George J. Bifulchi. illus tab Aerosp Safety 35:18-19 Sep '79

Lightning avoidance. Capt Stephen M. Horn. illus TAC Attack 19:10-12 Apr '79

LIGHTNING - Continued

Lightning can clip your wings. tab MAC Flyer 26: 21-23 Apr '79

Lightning strikes. TIG Brief 31:15 Apr 20 '79

Lightning strikes again! LtCol Daniel Gornell. illus Combat Crew 29:4-7 Jul '79

LIMITED WAR

Guidelines for limited war. William V.O'Brien. illus Mil Rev 59:64-72 Feb '79

LINCOLN, Abraham

Lincoln as CinC. Col H.G. Summers, Jr. por Army 29:38-42 Sep '79

LINDBERGH, Charles A.

A strange encounter--Charles Lindbergh and Howard Hughes. Murray Green. por Aerosp Hist 26:81-82 Jun '79

LITERACY see IlliteracyLIVSEY, William J., Jr

The active defense. MajGen William J. Livsey. Infantry 69:20-22 Jul-Aug '79

LOADING AND UNLOADING

See also
Ships--Loading and Unloading

A 'loaded' question: What's the load limit? TIG Brief 31:8 Oct 19 '79

Serviceability of nuclear load training shapes. TIG Brief 31:11 Oct 5 '79

LOANS, HOME

Banks up points for home sellers. Jay Finegan. AF Times 40:17 Oct 29 '79

HUD mortgages can help military buying homes. AF Times 40:36-37 Oct 22 '79

VA home loans. Charlie L. Arsta. illus AF Times, Times Magazine sup:56-58 Sep 3 '79

LOANS, PERSONAL

AFAS launches student loan plan. AF Times 39:3 Jun 11 '79

AFAS offers new student loan plan. Don Mace. AF Times 40:6 Oct 15 '79

Will service excuse college loans? AF Times 40:6 Nov 19 '79

LOCKE, Walter M.

The Joint Cruise Missiles Project. (Presentation, Aviation/Space Writers Assoc, Houston, TX, April 9, 1979) RADM Walter M. Locke. AF Ploy Ltr for Comdrs: Sup No.6:19-23 Jun '79

LOGISTICS

See also
Integrated Logistic Support
Movement Control
Transportation, Military
also subdivision under specific wars, e.g.,
Vietnamese Conflict, 1957-1975--Logistics

The Annals of the Society of Logistics Engineers.
Regular feature in some issues of Logistics Spectrum

Attacking the weakest link: The anti-support role of Soviet naval forces. LCDR Floyd D. Kennedy, Jr. illus Nav War Col Rev 32:48-55 Sep-Oct '79

How to write good like a logistician should. George Feineman. illus Log Spectrum 13:41-44 Spring '79

The human factor: What does it mean to logisticians. LtCol Ronald E. Knipfer and Maj Richard V. Badalamente. illus Log Spectrum pt 1, Physiological factors. 13:23-27 Spring '79; pt 2, Motivation. 13:5-9 Winter '79

The lines of Torres Vedras: A study in logistical management. 1stLt Robert Stacy. illus map Armor 88:30-33 Nov-Dec '79

Logisticians of everyday life. Log Spectrum pt 1, 13:44-45 Winter '79

Logisticians of the third kind. Benjamin Ostrofsky. illus Log Spectrum 13:29-32+ Fall '79

Logistics around the world. Regular feature in some issues of Logistics Spectrum

Logistics planning. Max Havas. illus tabs Log Spectrum 13:50-55 Spring '79

The long-term defence programme: Crucial to credible deterrence. LtGen Joseph M. Heiser, Jr, Ret. illus Def Mgt J 15:2-7 Jul-Aug '79

Modern protective packaging and its effects on logistics. Terrence Wm Baird. illus Log Spectrum 13: 10-13+ Winter '79

NATO logistics. LtGen Eivind H. Johansen. illus Translog 10:2-4 Apr '79

Physical distribution and the firm. Richard A. Lancioni. illus Def Trans J 35:14-19 Aug '79

Physical distribution management. George A. Gecowets. illus tab Def Trans J 35:5-8+ Aug '79

Physical distribution management skills for the 1980's. Bernard J. La Londe and James R. Stock. tabs illus Def Trans J 35:20+ Aug '79

Readings in military logistics. Martin Reuss. illus Army Log 11:26-29 Jan-Feb '79

The reinforcement of Europe. Gen Peter Whiteley. illus NATO's Fifteen Nations 24:20-24+ Aug-Sep '79

Successful logistics analysis in big bureaucracy. Russell M. Genet and W. Steven Demmy. illus Log Spectrum 13:38-40 Summer '79

Bibliography

Readings in military logistics. Martin Reuss. illus Army Log 11:26-29 Jan-Feb '79

LOGISTICS - ContinuedHistory

Napoleon--master logistician. Capt George M. Stephenson. illus Army Log 11:20-23 Nov-Dec '79

Study and Teaching

An evaluation of the Bachelor of Science Degree in Management-Logistics. Robert G. Stein and Ben Marriott. illus Log Spectrum 13:40-44 Winter '79

Log-ed--logistics education for Air Force civilians. Carl L. Gordon and Charles D. Wood. illus Log Spectrum 13:26-28 Winter '79

Logistics education and training--thoughts on improving business logistics education and academic industry interaction. William Dempsey and Richard A. Lancioni. illus Log Spectrum 13:29+ Summer '79

Terminology

Derivation of logistic support elements and their integrating relationships. Lee C. Zastovnik. illus Log Spectrum pt 1, 13:5-10 Summer '79; pt 2, 13:10-15 Fall '79

Air Force

Air Force logistics. MajGen V. Chupov. Soviet Mil Rev No. 8:8-9 Aug '79

C.B. means "career broadening" to logisticians. Maj Phillip A. Richardson and Capt Terry L. Noveroske. illus Log Spectrum 13:35-37 Summer '79

Armed Forces

A concept of modern military logistics. Col Fred Gluck, Ret. illus Log Spectrum 13:14-18 Winter '79

Defence logistics management: Centralise, rationalise or leave alone? An American view. LtGen W.W. Vaughan. RUSI J for Def Studies 123:11-17 Dec '78

Logistics cooperation in NATO through NAMSA (NATO Maintenance and Supply Agency). Harry S. Spaulding. illus tabs Signal 33:25-27 Apr '79

Military logistics--a multitude of sins. Col Fred Gluck, Ret. illus Log Spectrum 13:22-25 Fall '79

Military logistics research and engineering. R.M. Genet, Sr and others. illus Log Spectrum 13:36-40 Fall '79

Army

Analyzing Army's readiness and sustainability. LtGen Eivind H. Johansen. Signal 33:15-16 Jul '79

Aviation Logistics Office. LtCol Duke Vasey. illus chart USA Avn Dig 25:12-13 Jul '79

Direction for Army logistics. LtGen Eivind H. Johansen, Ret. illus Army Log 11:10-14 Sep-Oct '79

14 principles of logistics. James A. Huston. illus Army Log 11:44-45 Sep-Oct '79

Implications of the peacetime combat-to-support ratio on the U.S. war-fighting capability. Maj William B. Hanke, Ret. illus Mil Rev 59:60-70 Jun '79

LOGISTICS - ContinuedArmy - Cont'd

Logex '79--realistic training for logistics managers. illus Army Log 11:24-27 Nov-Dec '79

Logex--training the Army's logistics managers. Martin Reuss. illus Log Spectrum 13:26-28 Fall '79

Logistically speaking--posture of the Army. tab Army Log 11:8-11 May-Jun '79

Logistics and force readiness. LtGen Arthur J. Gregg. illus Army Log 11:2-5 Nov-Dec '79

Logistics challenges in the eighties. MajGen Homer D. Smith. illus Army Log 11:18-21 Sep-Oct '79

Logistics in retrospect. illus Army Log 11:2-7 Sep-Oct '79

Managing installation logistics support. BrigGen Harry L. Dukes, Jr. illus Army Log 11:26-31 Sep-Oct '79

Managing logistics in the decade ahead. Eric A. Orsini. illus Army Log 11:8-9 Sep-Oct '79

Night logistics operations. Capts Donald B. Skipper and Edward M. Kane. illus Army Log 11:20-23 Mar-Apr '79

Quality function in the Army logistics system. Victor K. Evans. illus Army Log 11:17-19 Nov-Dec '79

Rear area threat. Sgt1C Luther A. Hall. illus Army Log 11:18-19 Mar-Apr '79

Rear support for the Soviet ground forces. C.N. Donnelly. illus tabs Intl Def Rev 12, No. 3:344-350 '79

Security of the corps rear area. LtCol Robert D. Frazier. illus tabs Mil Rev 59:2-10 Dec '79

Support unit improvement program. MajGen Thomas D. Ayers. illus map Army Log 11:41-43 Sep-Oct '79

Tactical logistics. LtCol David D. Skidmore. illus tabs Armor 88:18-20 Mar-Apr '79

To move tanks you need a mobile ASL. Capt Gary N. Williamson. illus Army 29:50-53 Mar '79

USAREUR logistics in the eighties. MajGen Sampson H. Bass, Jr. illus Army Log 11:32-37 Sep-Oct '79

'Zeroing' in on logistics programing and budgeting. MajGen John D. Bruen and LtCol Donald M. Cook. tab illus Army Log 11:8-11 Mar-Apr '79

History

Army Aviation logistics in evolution, 1942-1953. Laurence B. Epstein. illus USA Avn Dig pt 1, 25:5-11 Jun '79; pt 2, 25:34-38 Jul '79

National Guard--Army

Army Guard's evolving logistics system. LtGen LaVern E. Weber. illus Army Log 11:38-40 Sep-Oct '79

Reserve Forces--Army

Wartime logistics and the USAR: A weak link. Maj Thomas R. Davis. illus Mil Rev 59:33-36 Dec '79

LONG RANGE NAVIGATION see Loran

LORAN

Naval Air Reserve P3 squadrons in danger due to phasing out of Loran A navigation. Officer 55:15 May '79

LOW-ALTITUDE FLYING see Flight, Low-Altitude

LOYALTY

Loyalty down is as important as loyalty up. Interview. Gen Lew Allen, Jr. illus Armed Forces J Intl 116: 26-29 Feb '79

LUBRICATION AND LUBRICANTS

Get more mileage out of your grease, lubricant, oil, and wax assets. TIG Brief 31:11 Oct 5 '79

Jet engine oil servicing certification. TIG Brief 31:9 Mar 9 '79

Recovery and reuse of petroleum products. TIG Brief 31:13 Nov 16 '79

LUCE, Clare B.

How to deal with the Russians: The basics of negotiation. Clare Boothe Luce. AF Mag 62:30-33 Apr '79

LUCE, Stephen B.

Stephen Bleecker Luce and the Naval War College. CAPT Kay Russell. Nav War Col Rev 32:20-41 Mar-Apr '79

LUXEMBOURG

Strategic Importance

Luxembourg--smallest partner of the Alliance. Emile Krieps. illus NATO's Fifteen Nations 24:77-78 Oct-Nov '79

LYNCH, George C.

Directorate of Accounting & Finance. BrigGen George C. Lynch. por AF Compt 13:27 Oct '79

LYON, William

His four year tour complete ... the Chief (of Air Force Reserve) reflects. Interview. MajGen William Lyon. por Air Reservist 31:6-7+ Apr '79

M

MAAG see Military Assistance Advisory Group

MAC see Military Airlift Command

MARS see Military Affiliate Radio System

MAST (Military Assistance to Safety and Traffic)

AMEDD Aviation Program. LtCol William F. Carroll. illus USA Avn Dig 25:20-21 Jul '79

MERADCOM see Army Mobility Equipment Research and Development Command

MILPERCEN see Army Military Personnel Center

MSC see Military Sealift Command

MTMC see Military Traffic Management Command

MacARTHUR, Douglas

The military in a democracy: A review of American Caesar. Forrest Pogue. Intl Sec 3:58-80 Spring '79

McCARTNEY, Keith D.

Recruiting today. BrigGen Keith D. McCartney. TIG Brief 31:2 Aug 3 '79

McCOY, James M.

James McCoy named new CMSgt of AF. por AF Times 39:3 Jul 16 '79

MACHINE GUNS

GEPOD 30--a new 30-mm gun pod from General Electric. illus (Also cutaway) tab Intl Def Rev 12, No. 4:640 '79

The Squad Automatic Weapon--an update. Edward C. Ezell. illus tabs Intl Def Rev 12, No. 1:47-50 '79

History

A famous submachine gun. Col N. Yelshin. illus Soviet Mil Rev No. 10:28-30 Oct '79

McKEE, Andrew I.

(RADM) Andrew Irwin McKee, naval constructor. CDR John D. Alden, Ret. por US Nav Inst Proc 105:49-57 Jun '79

McLENNAN, Kenneth

Dual assignment for new ACMC (Gen Kenneth McLennan). MarCor Gaz 63:2 Aug '79

New assistant CMC, Gen Kenneth McLennan assumes duties 1 July. por MarCor Gaz 63:2 Jul '79

MACY, John W., Jr

John Macy takes federal oath to head new FEMA agency. por Def Trans J 35:22+ Oct '79

MADDOX, William J., Jr

The hinge. MajGen William J. Maddox, Jr, Ret. USA Avn Dig 25:2-4 Jun '79

MADELIN, Ian

The emperor's close air support. GpCapt Ian Madelin. AU Rev 31:82-86 Nov-Dec '79

MAGNESIUM see Metals

MAGNETIC TAPE see Sound Recording and Reproducing

MAHAFFEY, Fred K.

C³I for automated control of tomorrow's battlefield. MajGen Fred K. Mahaffey. Army 29:26-30 Mar '79

ISTA (Intelligence, Surveillance, and Target Acquisition) in the 80s--the Army concept. MajGen Fred K. Mahaffey. Signal 34:39-42 Oct '79

MAHAN, Alfred T.

A Chinese commentary on Mahan's theory of sea-power. CDR Francis J. Romance. illus US Nav Inst Proc 105:110-112 Apr '79

MAINTENANCE AND REPAIR

See also

Aircraft Maintenance

Missile Maintenance

also subdivision Maintenance and Repair under specific subjects

Base-level repair of Category II Quality exhibits. TIG Brief 31:7 Aug 3 '79

Budgeting maintainability. E. Edward Lowery. illus tabs Log Spectrum 13:32-40 Spring '79

Composite tool kits. TIG Brief 31:8 Jan 26 '79

Economy: Too much of a good thing? TIG Brief 31:4 Jul 13 '79

Interoperability of maintenance support. 1stLt Roger L. Carter. illus tab Army Log 11:14-17 May-Jun '79

Logistics and force readiness. LtGen Arthur J. Gregg. illus Army Log 11:2-5 Nov-Dec '79

Maintainability, engineering and logistics engineering: Cooperation or conflict. John H. Duddy and others. illus Log Spectrum pt 1, 12:17-22 Winter '78; pt 2, 13:16-22 Spring '79

Maintenance management improvement program. LtGen Eivind H. Johansen. illus Army Log 11:2-5 Jul-Aug '79

Maintenance officer occupational survey. TIG Brief 31:9 Jun 15 '79

Maintenance operating instructions: Help or hindrance? TIG Brief 31:18 Feb 23 '79

Maintenance shelf-life assets. TIG Brief 31:8 May 4 '79

3d MarDiv proposes a new preventive maintenance idea. 1stLt S. J. Mintun. MarCor Gaz 63:19 Jul '79

Navy facilities engineering operations. RADM Donald G. Iselin. illus map Mil Engr 71:90-92 Mar-Apr '79

Refurbishing the Army's real property management system. BrigGen Donald G. Weinert, Ret. illus Def Mgt J 14:34-38 Nov '78

Repair cycle asset management. TIG Brief pt 1, 31: 5-6 May 4 '79; pt 2, 31:13-14 May 18 '79; pt 3, 31: 7-8 Jun 1 '79

MAINTENANCE AND REPAIR - Continued

"Think maintainability"--a word to the designer. Carl B. Wolfram. illus Mil Engr 71:88-89 Mar-Apr '79

MAINTENANCE MANAGEMENT see Maintenance and Repair

MAN-POWERED FLIGHT

Channel flights: From 25 Hp to none. illus tab AF Times 39:10 Jun 25 '79

MANAGEMENTSee also

Configuration Management
Personnel Administration

Do your people produce for you? LtCol Gabriel S. Saliba, Jr. illus Armed Forces Compt 24:32-34 Nov '79

Facing market facts. (Interview with Frank A. Weil, Industry and Trade Administration) C.W. Borklund. illus Govt Exec 11:12-13 Aug '79

Matrix management--is it for your organization? Kenneth D. Luper. illus Armed Forces Compt 24:22-25 Aug '79

The military-industrial complex: A debate. The nation effectively achieves its objectives. Jacques S. Gansler. illus tabs Def Mgt J 15:2+ Mar-Apr '79

The organization of authority in the capitalist state. Nancy Ditomaso. J Pol & Mil Sociol 6:189-204 Fall '78

Physical distribution and the firm. Richard A. Lancioni. illus Def Trans J 35:14-19 Aug '79

Physical distribution management skills for the 1980's. Bernard J. La Londe and James R. Stock. tabs illus Def Trans J 35:20+ Aug '79

MANAGEMENT, MILITARYSee also

Configuration Management
Resource Management
Single Manager System
Supervision
Supply Management
Weapon Systems Management

AFOs: People managers in a rapidly changing environment. Capt J.M. Lebsack. illus AF Compt 13:34-35 Jan '79

AFSC: Giving up on tooth faeries. Interview. Gen Alton Slay. illus Govt Exec 11:14+ Oct '79

Aircraft Structural Integrity Program. 1stLt Richard E. Tullos. illus MAC Flyer 26:18-20 Aug '79

An alternative for work force management. John W. Adams, Jr. illus tab Armed Forces Compt 24:4-7+ Nov '79

Authoritarian attitudes in the United States Army. E.M. Schreiber. tabs Armed Forces & Soc 6:122-131 Fall '79

C² systems management. Gerald P. Dinneen. charts Signal 34:15-19 Sep '79

CESMET: The Air Force Civil Engineering and Services Management Evaluation Team. Maj B.G. Page. AF Compt 13:12-13 Oct '79

MANAGEMENT, MILITARY - Continued

Chain of command: It links private to President. SgtMaj Bruce N. Bant. illus Soldiers 34:6-12 Oct '79

The comptroller: Manager or servant? LCDR W.R. Goodhartt. illus Armed Forces Compt 24:7-9 May '79

Data automation needs a management system. John M. Leaman. illus Armed Forces Compt 24:26-29 Aug '79

Electronic warfare and the strategic management of national resources. David Harvey. illus Def & For Aff Dig 7, No. 11:16-18+ '79

Evaluating the effectiveness of facilities engineer projects. Maj Richard W. Graumann. illus tabs Mil Engr 71:99-103 Mar-Apr '79

"Exquisite discretion" on "when to run interference." Interview. Gen John R. Guthrie. illus Armed Forces J Intl 117:22+ Oct '79

Financial management: Replacement for the crystal ball. TIG Brief 31:22 Oct 5 '79

GAO assails Defense labor policies. Sheila Hershow. AF Times 39:42 Feb 19 '79

A grip at the grassroots. (LMDC's Traveling Teams consult with USAF personnel) Maj Terry A. Arnold. illus Airman 23:16-20 Mar '79

How useful is the OOB (Operations Operating Budget) at installation level? Maj George R. Gallimore. illus AF Compt 13:18-20 Oct '79

Innovative financial management. Gertrude G. Myers. illus Armed Forces Compt 24:26-29 Feb '79

It's all for you. TSgt Robert Hunter. illus Airman 23:12-14 Mar '79

MBO at the micro level--a case study. Capt Michael F. Turner. tabs AU Rev 30:46-50 Sep-Oct '79

Management and procedures. TIG Brief 31:21-22 Feb 9 '79

Management by objectives and performance appraisal. Capt James S. Seevers. AU Rev 30:35-39 Sep-Oct '79

Management disciplines: Harbingers of successful programs. David D. Acker. Def Sys Mgt Rev 2:7-20 Summer '79

Management of attached crewmembers. TIG Brief 31:20 Jun 1 '79

Management services within the Army. Alan Hunt. Army Qtr 108:220-226 Apr '78

Navigator management. 1stLt James F. Willette. illus tabs Navigator 26:5-9 Winter '79

Observations on configuration management. LtCol William G. Fohrman. Def Sys Mgt Rev 2:55-58 Summer '79

Paying for new technology. (Remarks, Air Force Assoc National Symposium, Los Angeles, Oct 27, 1978) Gen Alton D. Slay. AF Plcy Ltr for Comdrs: Sup No. 2:2-9 Feb '79

R&D: Soviet and the U.S. John T. Hayward. Govt Exec 11:42+ Sep '79

MANAGEMENT, MILITARY - Continued

The resource management system--is it really effective? Capt John R. Biggs. illus AF Compt 13: 32-34 Jul '79

Satisfactory: A twelve-letter dirty word? TIG Brief 31:4 Oct 19 '79

Successful managers: Grit, guts, and gumption. TIG Brief 31:5 Jan 12 '79

30 years of management analysis. Paul S. Lein. illus AF Compt 13:28-31 Jul '79

Total resource management. LCDR Thomas McClure. illus tab Armed Forces Compt 24:8-11 Nov '79

Training management: As seen by the commander. Capt Edward Maher. illus Armor 88:60-61 Jul-Aug '79

Training management: As seen by the S-3. Maj V. Paul Baerman. illus Armor 88:58-59 Jul-Aug '79

Why worry about configuration management? William A. Dean. Def Sys Mgt Rev 2:21-29 Summer '79

"You will implement MBO!" LtCol Philip J. Perles. AU Rev 30:40-45 Sep-Oct '79

MANAGEMENT ANALYSIS

Challenges to management. TIG Brief 31:21 Nov 2 '79

Directorate of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 13:23 Oct '79

Enhancing your base level M/A (Management/Analyses) functions--SAC did ... and it did! Maj J.E. Key. illus AF Compt 13:36-38 Jan '79

Helpmates--the manager and the analyst. Edward J. Rymut. illus Army Log 11:34-37 Mar-Apr '79

Management disciplines: Harbingers of successful programs. David D. Acker. Def Sys Mgt Rev 2: 7-20 Summer '79

Managing analysis: The client's responsibility. George F. Brown, Jr. illus Nav War Col Rev 32:22-29 May-Jun '79

Notes from the Director of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 13:20 Jan '79

Notes from the Director of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 13:21 Apr '79

Notes from the Director of Cost & Management Analysis. Col Henry J. Sechler. illus AF Compt 13:36 Jul '79

30 years of management analysis. Paul S. Lein. illus AF Compt 13:28-31 Jul '79

MANAGEMENT IMPROVEMENT

<u>See also</u>	
Automation	Efficiency
Cost Effectiveness	Resource Management

ALA's Logistician of the Year reflects on an era of change. William Moran. illus Review 58:22-24+ Nov-Dec '79

MANAGEMENT IMPROVEMENT - Continued

Air Force discount policy. Stanley B. Kramkowski. illus tabs Armed Forces Compt 24:4-6+ May '79

The Air Force's experience with matrix management. Maj Karl T. Thurber. illus Def Mgt J 14:16-21 Nov '78

The Archives: Government's troubled information manager. John F. Judge. Govt Exec 11:13+ Sep '79

Civil service reform: "A world of responsibility for management." (Remarks, Conference on Civil Service Reform, Ocean City, MD, Oct 23, 1978) Harold Brown. illus Def Mgt J 14:9-11 Nov '78

Coming phone change: By GSA. C.W. Borklund. illus Govt Exec 11:37-38+ Sep '79

Commissary consolidation: The process of consideration. Review 58:18-19 Jul-Aug '79

Communications, command, and control: Changing the face of force management. Robert J. Hermann. illus Def Mgt J 14:4-8 Nov '78

Correcting the shortfalls in the defense specifications and standards program. Richard A. Stimson. illus Def Mgt J 15:19-23 Mar-Apr '79

The critical need for an improved acquisition data base. Sherman W. Blandin and Albert V. Bruno. illus Def Mgt J 15:34-37 Mar-Apr '79

Data automation needs a management system. John M. Leaman. illus Armed Forces Compt 24:26-29 Aug '79

Data processing chargeback: A realistic model for information value. Sandra M. Hill. illus Armed Forces Compt 24:12-14 May '79

Defense industries and government: Foolish adversaries. Guest editorial. O.C. Boileau. illus Govt Exec 11:24-25+ Aug '79

F-16: Spearhead for a lot of procurement innovation? MajGen James A. Abrahamson. illus Govt Exec 11:20-21 Oct '79

FMI's (Functional Management Inspections): To improve the work environment. Maj Jack L. Joines. AF Engrg & Svcs Qtr 20:26-27 Aug '79

Facing market facts. (Interview with Frank A. Weil, Industry and Trade Administration) C.W. Borklund. illus Govt Exec 11:12-13 Aug '79

Foreign military sales and grant aid--a new AFLC delivery reporting system. Norris L. Bayless. illus tab AF Compt 13:40-42 Apr '79

From Federal offices to rehab rowhouses: This city (Baltimore) makes it happen. illus Govt Exec 11: 16-18+ Nov '79

A grip at the grassroots. (LMDC's Traveling Teams consult with USAF personnel) Maj Terry A. Arnold. illus Airman 23:16-20 Mar '79

Helpmates--the manager and the analyst. Edward J. Rymut. illus Army Log 11:34-37 Mar-Apr '79

How much authority do you delegate? TIG Brief 31:11 Sep 21 '79

How the Navy is tapping management potential. John Walker Hartigan. illus Def Mgt J 15:28-33 Jul-Aug '79

MANAGEMENT IMPROVEMENT - Continued

- An image carefully constructed: Caring. Capt Donald J. Graybill. illus AF Engrg & Svcs Qtr 20:6-8 Aug '79
- Image--its role in achieving total success. MajGen William D. Gilbert. AF Engrg & Svcs Qtr 20:2-4 Aug '79
- Image of base dining halls. Capt Dennis A. Bossen. illus AF Engrg & Svcs Qtr 20:34-36 Aug '79
- Improved management of expenditures and collections. TIG Brief 31:4 Mar 23 '79
- In-progress checklist reviews for CM (Configuration Management) systems. June Wohlgethan. Def Sys Mgt Rev 2:59-67 Summer '79
- JURIS: Automating legal research. tab Govt Exec 11:42+ Nov '79
- Laying the groundwork for retooling the software factory. Ronald D. Daniel. illus Def Mgt J 14:39-42 Nov '78
- Leadership & energy: Profitable conservation, not useless conversation. Frederick Neuman. Govt Exec 11:38+ Jan '79
- Life-cycle cost: Attitudes and latitudes. LtCol Troy V. Caver. illus tabs Def Mgt J 15:12-17 Jul-Aug '79
- MBI (Management By Initiative): An innovative approach to management? TIG Brief 31:18 Mar 9 '79
- MBO at the micro level--a case study. Capt Michael F. Turner. tabs AU Rev 30:46-50 Sep-Oct '79
- Management by objectives and performance appraisal. Capt James S. Seevers. AU Rev 30:35-39 Sep-Oct '79
- Management disciplines: Harbingers of successful programs. David D. Acker. Def Sys Mgt Rev 2:7-20 Summer '79
- Managers must communicate. TIG Brief 31:21 Nov 2 '79
- Matrix management--is it for your organization? Kenneth D. Luper. illus Armed Forces Compt 24:22-25 Aug '79
- The medical squadron section commander as a manager. TIG Brief 31:14 Jul 2 '79
- NARS (National Archives and Records Service): An accurate cost measure of word processing for managers. tab Govt Exec 11:18+ Sep '79
- A new approach to performance evaluation and recognition. Thomas J. Gelli. illus Def Mgt J 15:3-6 Jan '79
- One attempt at managing change. LtCol Keith B. Wolff. illus Def Mgt J 15:18-21 May-Jun '79
- Participative personnel management: Involuntary servitude of managers? Sherrie Holliman and Nina Schlegel. illus Def Mgt J 15:18-22 Jul-Aug '79
- Performance pay--will it work? Richard A. Stimson. illus Def Mgt J 15:23-27 Jul-Aug '79
- The peripatetic manager: Executive rotation at Dahlgren Laboratory. Philip L. Martin. illus Def Mgt J 15:6-13 Sep-Oct '79

MANAGEMENT IMPROVEMENT - Continued

- Physical distribution management skills for the 1980's. Bernard J. La Londe and James R. Stock. tabs illus Def Trans J 35:20+ Aug '79
- Post job critique: Improving our self image. Eric Stephens. illus AF Engrg & Svcs Qtr 20:22-23 Aug '79
- Prescription for the post-delivery blahs (with apologies to all flight surgeons). Fred Guardia and Ed Barham. illus TAC Attack 19:20-22 Sep '79
- The prudent use of engineers in program management. William C. Wall, Jr. illus Def Mgt J 15:14-18 Mar-Apr '79
- Public relations program for METs (Management Engineering Teams). TIG Brief 31:4 Jul 2 '79
- Publications management through management by objective. TIG Brief 31:6 Feb 23 '79
- Putting computer software to the test. J. Gary Nelson. illus tabs Def Mgt J 15:38-41 Mar-Apr '79
- Refurbishing the Army's real property management system. BrigGen Donald G. Weinert, Ret. illus Def Mgt J 14:34-38 Nov '78
- Repair cycle asset management. TIG Brief pt 1, 31:5-6 May 4 '79; pt 2, 31:13-14 May 18 '79; pt 3, 31:7-8 Jun 1 '79
- The role of discounting in problems of choice. James S. Blandin and Peter C. Frederiksen. illus tabs Def Mgt J 14:12-15 Nov '78
- Tightening the reins on contract costs and schedules. BrigGen Winfield S. Scott III, Ret. illus tabs Def Mgt J 15:28-33 Mar-Apr '79
- Top management's role in defense technology development for electronics. Kenneth C. Mundell. Signal 33:29-30 Jul '79
- Total resource management. LCDR Thomas McClure. illus tab Armed Forces Compt 24:8-11 Nov '79
- The tough task of White House information automation. illus Govt Exec 11:26-27 Sep '79
- The traveling teams of the AFESC. Maj Ronald C. Bunch. illus AF Engrg & Svcs Qtr 20:10-12 Nov '79
- Unwieldy information flow at Treasury relieved by word processing. illus Govt Exec 11:49-50 Aug '79
- Upgrading Federal computers through existing systems. Roger Cooper. Govt Exec 11:42+ Aug '79
- VERT (Venture analysis and Review Technique): A risk analysis tool for program management. Maj Greg A. Mann. illus Def Mgt J 15:32-36 May-Jun '79
- Virginia's roads: DOT disrupts an involved citizenry. (Interview with Harold C. King) illus Govt Exec 11:46+ Sep '79
- Why discounting is always right. Richard Thaler. illus tabs Def Mgt J 15:2-5 Sep-Oct '79
- "You will implement MBO!" LtCol Philip J. Perles. AU Rev 30:40-45 Sep-Oct '79

MANAGEMENT INFORMATION SYSTEMS

- Air cargo's increasing dependence on information technology. Nicholas Lanyon. illus Interavia 34: 849-853 Sep '79
- Army designs new centralized data base (Program and Budget Accounting System). Bobby A. Derrick. illus Armed Forces Compt 24:12-14 Nov '79
- Aviation configuration accounting system. Leon W. Grzech. Def Sys Mgt Rev 2:47-54 Summer '79
- Background of study on specifications and standards. Joseph F. Shea. Def Sys Mgt Rev 2:103-110 Summer '79
- Coming phone change: By GSA. C.W. Borklund. illus Govt Exec 11:37-38+ Sep '79
- Control of documentation: Avenues to failure. Carl P. Hershfield. Def Sys Mgt Rev 2:68-73 Summer '79
- DOL, HEW and WIN: Closing in with computers. Govt Exec 11:49-50 Oct '79
- Enhancing your base level M/A (Management/Analyses) functions--SAC did ... and it did! Maj J.E. Key. illus AF Compt 13:36-38 Jan '79
- Ensuring an adequate technical data baseline. John R. Hart. tabs Def Sys Mgt Rev 2:38-46 Summer '79
- Information--the fourth resource. Robert Maxwell. illus Armed Forces Compt 24:10-11+ May '79
- Korea's improved port call system (Single Passenger Reservation System). Capt Stephen Giordano. illus Translog 10:14-15 Jun '79
- Laying the groundwork for retooling the software factory. Ronald D. Daniel. illus Def Mgt J 14:39-42 Nov '78
- MIS (Management Information Systems)--lessons learned. Maj C.E. Vincent. illus AF Compt 13: 22-23 Jul '79
- Meeting the evolving micro requirement. Jerry L. Raveling. Def Sys Mgt Rev 2:88-96 Summer '79
- Some do's and don'ts of building a Management Information System (MIS). TIG Brief 31:20 Nov 16 '79

MANEUVERS

- See also
Combined Operations
Joint Operations
War Games
also specific exercises and/or operations by name

Air Force--U.S.

- Exercises. Regular feature in some issues of Air Force Times

- Rewriting the air vs armor book. Allen Scott. AF Times 40:42-43 Nov 12 '79

Army--Russia

- Field training standard. ColGen V. Merimsky. illus Soviet Mil Rev No. 12:16-18 Dec '79

MANPOWER, MILITARY

For strength of the Services see subdivision Statistics under the respective Service, e.g., Air Force--United States--Statistics.

See also

Military Service, Compulsory
Military Service, Voluntary
Personnel

Mobilization

See Mobilization, Military

Statistics

- Comparisons of military manpower 1975-1979. International Institute for Strategic Studies. Table only. AF Mag 62:134 Dec '79

Great Britain

- Compensation cutbacks can cripple readiness. AF Times 40:3 Jul 30 '79

United States

- AFA policy paper: Defense manpower issues. AF Mag 62:50-53 Nov '79
- An alternative for work force management. John W. Adams, Jr. illus tab Armed Forces Compt 24: 4-7+ Nov '79
- Big 5-year all-vol boost. AF Times 40:3 Jul 30 '79
- The Chiefs speak out as the budgetary noose tightens. L. Edgar Prina. illus Sea Power 22:12-15 Aug '79
- A cost-effective enlistment supply of women for the Army. Maj Gary Q. Coe. illus tabs Def Mgt J 15: 30-36 Jan '79
- DARCOM determines manpower requirements. Charles B. Einstein. tabs Army Log 11:30-36 May-Jun '79
- DOD "cover-up" of manpower crisis alleged. illus Armed Forces J Intl 116:8+ Apr '79
- GAO assails Defense labor policies. Sheila Hershow. AF Times 39:42 Feb 19 '79
- Hill ignores people issues. AF Times 40:3 Dec 31 '79
- Literacy as a measure: An argument for high quality military manpower. Juri Toomepuu. illus tab Natl Def 63:47-50+ Jan-Feb '79
- Manpower and personnel program. (Address, House of Representatives Armed Services Committee, Washington, Feb 28, 1979) Antonia Handler Chayes. AF Plcy Ltr for Comdrs: Sup No.4:2-14 Apr '79
- Military manpower crisis. LtGen Ira C. Eaker, Ret. AF Times 39:13-14 Jul 23 '79
- New manpower documents are coming your way. TIG Brief 31:17 Jan 12 '79
- Pentagon's pressing priorities. LtGen Ira C. Eaker, Ret. Natl Def 64:22 Nov-Dec '79
- A plumber's view of personnel turbulence. Maj D.P. Evans. illus tabs MarCor Gaz 63:49-55 Sep '79

MANPOWER, MILITARY - ContinuedUnited States - Cont'd

Present status of military manpower. LtGen Ira C. Eaker, Ret. AF Times 40:21-22 Dec 10 '79

Recruiting and retention, registration and responsibility. illus Sea Power 22:32-34 Sep '79

Registration bill held premature. AF Times 39:21 Jul 16 '79

Statistics

Directory of military manpower statistics. Tables only. Review 58:54+ Nov-Dec '79

MANPOWER, TECHNICALSee also
Engineers

Soviet professional scientific and engineering manpower. Jill E. Heuer. illus tabs AU Rev 30:62-67 Jul-Aug '79

Air Force

Production-Oriented Maintenance Organization (POMO) SKT analysis. TIG Brief 31:8 May 18 '79

Armed Forces

Keep older members, says Brookings study--save \$\$, expertise. tabs AF Times 39:8 Jul 2 '79

National Guard--Army

At the Army Guard's "little red school house" for technicians (National Guard Professional Education Center). Capt Peter D. Fox. illus Natl Guard 33:10-12 Jul '79

MANUALSAir Force

Joint Manual 55-200: A move towards realistic training. Capt Rob Clark. illus Interceptor 21:20-23 Oct '79

A new look at an old problem. LtCol D.L. Hutchinson. AU Rev 30:69-73 Jan-Feb '79

Army

ATM (Aircraft Training Manual)--a view from the field. CW3 Robert D. Hill. illus USA Avn Dig 25:16-19 Dec '79

"Who shot John?" Maj Jerry A. Brown. illus Mil Rev 59:27-32 Jun '79

MAPS AND MAPPING

Air crash search & rescue map improvement. Roderick G. Van Pelt. USA Avn Dig 25:16-18 May '79

The Defense Mapping Agency and the digital domain. LtGen Abner B. Martin. illus Mil Engr 71:22-25 Jan-Feb '79

Electronic maps for tomorrow's cockpits. Murry Shohat. illus Mil Elect/Countermeasures 5:58+ Mar '79

MAPS AND MAPPING - Continued

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

Low level map management. Maj Rick Felker. illus USAF Ftr Wpns Rev, pp 10-15, Summer '79; Interceptor 21:18-23 Sep '79

Low level navigation: A fresh approach. Capt John Miller. illus USAF Ftr Wpns Rev, pp 9-16, Spring '79

The tactical map and you. CW2 Nile L. Harter, Jr. (Reprinted from United States Army Aviation Digest, Oct 1970) illus USA Avn Dig 25:20-23 Feb '79

Why Johnny can't read ... a map! LtCol William D. Telfair. illus Infantry 69:6-8 Jul-Aug '79

MARINE ACCIDENTS see Accidents, MarineMARINE CORPSBiography

Heart attack claims Col Robert D. Heintz. illus MarCor Gaz 63:2 Jun '79

Legend and legacy of John W. Thomason. Martha Anne Turner. illus MarCor Gaz 63:59-72 Nov '79

Brigades, Divisions, etcUnited States

1st Battalion, 5th Marines head for WesPac. MarCor Gaz 63:2 Feb '79

Great Britain

The Royal Navy and NATO. Adm Terence Lewin. illus NATO's Fifteen Nations 23:92-94+ Special Issue '78

NetherlandsHistory

Royal Netherlands Marines belong to the world's second oldest Marine Corps. Maj Michiel de Korner. illus MarCor Gaz 63:36-42 Feb '79

United States

Barrow to be USMC's 27th Commandant. illus Armed Forces J Intl 116:10 Jun '79

Barrow to succeed Wilson as USMC Commandant. illus Sea Power 22:20 May '79

CMC reports on a lean, tough, ready Corps suffering somewhat from budget cutting. (4th annual State of the Corps message) Gen Louis H. Wilson. illus tabs MarCor Gaz 63:26-36 Apr '79

A case for Marine Corps chemical warfare readiness. Maj John F. Brosnan, Jr. illus US Nav Inst Proc 105:108-111 Nov '79

Comments on the Corps by the Commandant. illus MarCor Gaz 63:6-7 Aug '79

A conversation with General Barrow. Interview. Gen Robert H. Barrow. illus Sea Power 22:31-37 Nov '79

MARINE CORPS - ContinuedUnited States - Cont'd

- Countering Soviet imperialism. Col Joseph E. Hopkins and LtCol William R. Warren. illus tab US Nav Inst Proc 105:58-65 Jun '79
- December 1950 at Hungnam. VADM James H. Doyle, Ret and Arthur J. Mayer. illus map US Nav Inst Proc 105:44-55 Apr '79
- Facing up to the Spartan fallacy. 1stLt H.T. McLeskey. MarCor Gaz 63:19-20 Mar '79
- How a FMF (Fleet Marine Force) commander manages money. LtCol Walter H. Skierkowski. tabs MarCor Gaz 63:56-60 Sep '79
- Let's take a look at a BLT (Battalion Landing Team) afloat in the Mediterranean. LtCol J.G. Miller. illus MarCor Gaz 63:55-61 Mar '79
- Marine Corps C⁴ systems architecture. BrigGen William A. Scott, Jr. illus Signal 33:25-27 Jul '79
- Marine Corps' 27th Commandant: Gen Robert H. Barrow named to succeed Gen Louis H. Wilson. illus MarCor Gaz 63:2 Jun '79
- Marines, smoke, burning tanks. Capt Gary W. Anderson. illus MarCor Gaz 63:20-21 Oct '79
- New assistant CMC, Gen Kenneth McLennan assumes duties 1 July. illus MarCor Gaz 63:2 Jul '79
- The new breed. Capt George A. Messier. illus MarCor Gaz 63:53-57 Oct '79
- A report on the first annual Chemical Defense Conference (Quantico, VA, Oct 1978). illus MarCor Gaz 63:31-38 Mar '79
- A search for meaning. LtCol Harold E. McKinney, Ret. illus MarCor Gaz 63:47-50 Dec '79
- Sergeant Major (of the Marine Corps, Leland D. Crawford) says do job well, do it honestly. MarCor Gaz 63:2 Oct '79
- USMC and USN: Getting along. Maj G.D. Andresen. MarCor Gaz 63:20-21 Aug '79
- U.S. Marine Corps: Separate, but not equal. Col Paul E. Wilson, Ret. illus MarCor Gaz 63:20-27 Jan '79
- U.S. naval forces and the northern flank of NATO. F.J. West, Jr. illus tabs Nav War Col Rev 32: 15-25 Jul-Aug '79
- Wilson's legacy, Barrow's inheritance: A combat-ready corps--but serious hardware and personnel problems continue. L. Edgar Prina. illus Sea Power 22:37-40 Jun '79
- You may be whatever you resolve to be. Maj R.I. McPherson. illus tabs MarCor Gaz 63:45-51 Aug '79

History

- Conversations with the general. Gen Gerald C. Thomas, Ret and Angus M. Fraser. illus MarCor Gaz 63:82-87 Nov '79
- Evolution of the U.S. Marine Corps as a military elite. Dennis E. Showalter. illus MarCor Gaz 63: 44-51+ Nov '79

MARINE CORPS - ContinuedUnited States - Cont'dHistory - Cont'd

- "He served on Samar." Capt Paul Melshen. illus US Nav Inst Proc 105:42-48 Nov '79
- Huntington's battalion was the forerunner of today's FMF. LtCol John J. Reber, Ret. illus MarCor Gaz 63:73-78 Nov '79
- Legend and legacy of John W. Thomason. Martha Anne Turner. illus MarCor Gaz 63:59-72 Nov '79
- (The Marine Corps) Historical Foundation is formed. MarCor Gaz 63:2 Sep '79
- The military occupation of Haiti. Robert Debs Heintz and Nancy Gordon Heintz. map illus MarCor Gaz pt 1, Pacification, 1915-1921. 62:28-41 Nov '78; pt 2, Problems and programs, 1920-1928. 62:46-56 Dec '78; pt 3, American recession, 1929-1934. 63:48-57 Jan '79
- "My Dear Bobby": Letters from a Marine Corps colonel to his son during the Spanish American War. E.R. Hagemann. MarCor Gaz 63:78-81 Nov '79
- Raiders' priest of three faiths. James E. O'Brien. illus MarCor Gaz 63:22-23 Nov '79
- Vera Cruz, 1847: A lesson in command. Col John Fleming Polk, Ret. illus maps MarCor Gaz 63: 61-66 Sep '79
- We say 'thanks' and 'so long' to old friends. Interview. Gen Louis H. Wilson, Jr. illus MarCor Gaz 63:26-30 Jul '79

Organization

- Dual assignment for new ACMC (Gen Kenneth McLennan). MarCor Gaz 63:2 Aug '79
- Infantry battalion restructure. MarCor Gaz 63:4 Jul '79
- It's two up and one back again, or is it three up and ? back? LtCol Michael D. Wyly. MarCor Gaz 63: 17-18 Dec '79
- New European role for USMC. Capt Garry W. Anderson. MarCor Gaz 63:12+ Mar '79
- New force structure for the FMF. Maj James H. Merrill. MarCor Gaz 63:23-25 Oct '79
- Our personnel admin is sick. Capt Oscar De La Garza. MarCor Gaz 63:26 Dec '79

MARINE CORPS ASSOCIATION

- BrigGen George L. Bartlett is named new MCA (Marine Corps Assoc) executive director. illus MarCor Gaz 63:2 Jan '79

- We say 'thanks' and 'so long' to old friends. Interview. Gen Louis H. Wilson, Jr. illus MarCor Gaz 63:26-30 Jul '79

MARINE CORPS AVIATION

- Close air support tactics: A low-altitude view. Maj Robert O'Rourke. illus US Nav Inst Proc 105:107-109 Apr '79

MARINE CORPS AVIATION - Continued

Instilling more direction and vitality into Marine Aviation tactical training. Maj Robert J.O'Rourke. illus MarCor Gaz 63:73-78 May '79

Marine Aviation 1979: Battling for the best air support possible for the guy on the ground. Interview. LtGen Thomas H. Miller, Jr. illus MarCor Gaz 63:50-57 May '79

Marine Aviation's Reserve is ready. LtCol Gerald C. Kemp. illus MarCor Gaz 63:46-52 Oct '79

One view of aviator retention. LtCol D.R. Stanton. tab MarCor Gaz 63:16-18 Jan '79

Past performance and mission dictate that the Corps use a two-seat fighter. Maj K.P.O'Mara. illus MarCor Gaz 63:60-64 Aug '79

President's FY-80 defense budget excludes funds for Corps' AV-8B. MarCor Gaz 63:2 Mar '79

Sen Hart says Corps needs AV-8B. MarCor Gaz 63:2 May '79

USMC aircraft: The cutting edge of the Corps' aviation combat element. illus MarCor Gaz 63:38-49 May '79

History

Marine Corps accepts delivery of last A-4 Skyhawk. illus MarCor Gaz 63:8 May '79

Television brought back memories of WW II glory for old Corsair pilots. Paul Hofrichter. illus MarCor Gaz 63:79-82 May '79

MARINE CORPS BASESUnited States

Marine Corps bases are entered by name and location as given by the U.S. Organization Chart Service's U.S. Military and Government Installation Directory.

Camp Lejeune, NC

Tales from the Lejeune woods. Fred Reed. illus AF Times, Times Magazine sup:4-10 Feb 19 '79

MARINE CORPS DEVELOPMENT AND EDUCATION COMMAND

The (Basic School) Class (1951) the stars fell on. illus MarCor Gaz 63:4 Sep '79

Is Marine Corps officer education an institution for ignorance? Capt Hugh K.O'Donnell, Jr. MarCor Gaz 63:39-43 Mar '79

Marines must know the threat. MarCor Gaz 63:17-18 Oct '79

MARINE CORPS SCHOOLS, QUANTICO, VA see

Marine Corps Development and Education Command

MARINE RESOURCES

Defense of the depths. CAPT Robert F. Delaney and Maj Patrick Townsend. illus US Nav Inst Proc 105:36-41 Nov '79

Offshore technology. Regular feature in issues of Military Engineer

MARINE RESOURCES - Continued

Protecting new frontiers on the ocean floor. LtComdr M.P. Gretton. (Trench Gascoigne Prize Essay, 1977) RUSI J for Def Studies 124:32-34+ Mar '79

Time to put our maritime house in order. CAPT Alexander R. Larzelere. illus US Nav Inst Proc 105:55-61 Jul '79

MARITIME ACADEMIESUnited States

The maritime academies are all wet. David Bess. illus US Nav Inst Proc 105:70-75 Oct '79

MARITIME ADMINISTRATIONSee also

Merchant Marine--U.S.

MARITIME LAW

From "territorial waters" to the "exclusive economic zone": Control and protection of national waters. RAdm Glicerio Azzoni, Ret. illus map NATO's Fifteen Nations 23:146-148 Special Issue '78

Law of the sea. Elliot L. Richardson. Nav War Col Rev 32:3-10 May-Jun '79

A new law of the sea: Why not both ways? LCDR Joel B. Heaton. illus US Nav Inst Proc 105:62-65 Nov '79

Offshore patrol. illus tab Intl Def Rev pt 1, Aircraft. 12, No.5:787-794+ '79; pt 2, Surface craft. 12, No.8:1341-1350 '79

Protecting new frontiers on the ocean floor. LtComdr M.P. Gretton. (Trench Gascoigne Prize Essay, 1977) RUSI J for Def Studies 124:32-34+ Mar '79

The recovered sunken warship: Raising a legal question. LT Roger D. Wiegley. illus US Nav Inst Proc 105:26-32 Jan '79

Strategic implications of developments in the law of the sea. Commodore J.R. Hill. illus NATO's Fifteen Nations 24:152-153+ Oct-Nov '79

MARK, Hans M.

The critical element--long-range thinking. Hans M. Mark. por AF Mag 62:60-62 Nov '79

Dr Mark is appointed Secretary of the Air Force. por AF Compt 13: back cover Oct '79

The future of the strategic deterrent. (Presentation, Air Force Assoc, Los Angeles, Aug 3, 1979) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup No.10:2-7 Oct '79

The major priorities. (Presentation, Air War College, Air University, Maxwell AFB, AL, May 22, 1979) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup No.7:11-13 Jul '79

Mark, Chayes, Hermann--three are moving up (to AFSec, Under Sec, and an assistant sec). por AF Times 39:16 Jul 9 '79

New Secretary of the Air Force (Hans M. Mark). por Air Reservist 31:4 Aug-Sep '79

SAMSO and the future strategic deterrent. Hans Mark. AF Mag 62:39-43 Aug '79

MARK, Hans M. - Continued

Secretaries Mark, Chayes, Hermann nominated for top USAF posts. Bonner Day. por AF Mag 62: 34-35 Aug '79

Service Secretaries send memos; Mark to Brown-- push for 7% hike. Tom Philpott. AF Times 39:1+ Jun 11 '79

"There is very great virtue in debate among knowledgeable people." Interview. Hans M. Mark. por Armed Forces J Intl 117:38-40+ Sep '79

Thinking of new horizons. (Presentation, Secretary Luncheon of the Air Force Assoc National Convention, Washington, Sep 19, 1979) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup No. 11:2-7 Nov '79

USAF's three top priorities. Hans M. Mark. por AF Mag 62:66 Sep '79

U.S. is an enduring major power. (Presentation, Society of Research Administrators, Reno, NV, June 4, 1979) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup No. 8:2-5 Aug '79

MARKETING RESEARCH

Information sources ease marketing planning. Peter J. Cannon. illus Elect Warfare/Def Elect 11:55-56+ Mar '79

MARKETS AND MARKETING

The A to Z of military exchange distribution. Review 58:36-38+ May-Jun '79

Consumer electronics: The military marketplace-- an analysis of the issues. C.C. Halbak. illus Review 58:24-26+ May-Jun '79

Directory of ALA broker members. Review 58:72+ May-Jun '79

Distributors: An important local link. A. L. Allen. illus Review 58:44-46 Mar-Apr '79

Market imperatives of NATO cooperation. Thomas A. Campobasso. Signal 33:37-39 Apr '79

Overseas consumer electronics. C.C. Halbak. Review 58:29-30+ Sep-Oct '79

Physical distribution management. George A. Gecowets. illus tab Def Trans J 35:5-8+ Aug '79

Regional conference report: Information and solutions generated at the 1979 ALA Western and Eastern Seminars. illus Review 58:53-54+ May-Jun '79

Vendor representatives: What's in a name? Review 58:33-34 May-Jun '79

MARKSMANSHIP

(Army Reserve) Marksman Teams not only winning but dominating nearly every event. illus Officer 55:12 Nov '79

Disconnecting the 'big dinger.' LtCol Robert L. Kerzic. MarCor Gaz 63:16+ Aug '79

Management versus marksmanship. LtCol John G. Wilcox. illus Infantry 69:17-19 Nov-Dec '79

Marine Corps marksmanship ain't what it used to be. Maj Bruce M. Wincentsen. illus MarCor Gaz 63:53-57 Feb '79

MARKSMANSHIP - Continued

Marine shooters are the best. GySgt C.D. Gilbert. illus MarCor Gaz 63:2 Oct '79

Mary who? (National Rifle Champion at Camp Perry, SP5 Mary Stidworthy, Arizona Army Guard) Dick George. illus Natl Guard 33:22-24 Sep '79

1979: National Guard shooters off and running (in the All-Army Rifle, Pistol and Machinegun Championship, Fort Benning, GA, May 1979). illus Natl Guard 33:14-17+ Jul '79

SAC SP Lowder takes first in worldwide shooting matches (Worldwide Security Police Marksmanship Matches). AF Times 40:3 Nov 19 '79

Straight shooters all. (Worldwide Security Police Marksmanship Matches) Capt Katie Cutler. illus Airman 23:41-46 Feb '79

MARRIAGE AND DIVORCE

Foreign born wives--discovering a new world. SSgt James M. Boersema. illus Soldiers 34:36-40 Nov '79

Garnishment proposals reveal few changes. AF Times 40:3 Nov 19 '79

Sex fraternization: New twist on an old taboo. Lothar H. Wedekind. illus AF Times, Times Magazine sup:6-12 Jun 4 '79

Spouses can stay together. AF Times 40:20 Dec 3 '79

To love, honor & cash in: How 'contract marriages' let Service people get extra allowances and avoid the barracks. Jay Finegan. illus AF Times, Times Magazine sup:6-10 Dec 10 '79

When family life falls apart. Clifford R. Dunning. illus AF Times pt 1, 39:39+ Jan 8 '79; pt 2, Foundering families can get help. 39:43+ Jan 15 '79

MARSH, Robert T.

The impact of today's electronics technology on systems acquisition. LtGen Robert T. Marsh. Def Sys Mgt Rev 2:97-102 Summer '79

The indispensable resource. (Presentation, Air Force Sergeants Assoc Division 1 Convention, Wakefield, MA, May 26, 1979) LtGen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup No. 7:26-30 Jul '79

Our dependence on electronics. (Remarks, Electronic Industries Assoc, Configuration and Data Management Workshop, Philadelphia, PA, Oct 23, 1978) LtGen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup No. 1:16-22 Jan '79

MARSHALL, George C.

Command decision. LtCol John G. Fowler, Jr. por Mil Rev 59:2-6 Jun '79

General Marshall's unpublished message to the Guard (at NGAUS convention, Baltimore, Oct 27, 1939). Gen George C. Marshall. por Natl Guard 33:14-17+ Sep '79

George C. Marshall: First in war, first in peace. SGM Bruce N. Bant. por Soldiers 34:35-36 Dec '79

MARTIN, Abner B.

The Defense Mapping Agency and the digital domain.
LtGen Abner B. Martin. por Mil Engr 71:22-25
Jan-Feb '79

MARTIN, John J.

Revolution in airpower. (Remarks, Commander's
Dining-In, Hill AFB, UT, Sep 12, 1978) John J.
Martin. AF Plcy Ltr for Comdrs: Sup No. 1:34-37
Jan '79

MASS TRANSPORTATION see Transportation

MATERIALSSee also

Plastic Materials

also subdivision under specific subjects, e.g.,
Airplanes--Materials
Airplanes, Military--Materials

Effect of Fiber and Dye degradation Products (FDP)
on burn wound healing. Francis S. Knox III and
others. tab illus Aviation, Space & Envmt Med
50:1007-1015 Oct '79

Epoxy concrete overlays. Myles A. Murray and Er-
nest K. Schrader. illus Mil Engr 71:242-244 Jul-
Aug '79

Fiber-reinforced concrete--workable and economical.
Clyde E. Kesler and Grant T. Halvorsen. tabs illus
Mil Engr 71:234-237 Jul-Aug '79

Helicopter passenger survival suit standards in the
UK offshore oil industry. William L. B. Leese and
J. Nelson Norman. illus map tabs Aviation, Space
& Envmt Med 50:110-114 Feb '79

Mass concrete construction principles. Ernest K.
Schrader. illus Mil Engr 71:318-321 Sep-Oct '79

Military engineering applications of membranes. Col
Phillip D. Weinert. illus tabs Mil Engr 71:174-175
May-Jun '79

Nomex flight jackets for aircrews. TIG Brief 31:19
Jun 15 '79

Nomex spells "protection." Jim Clark. (Reprinted
from F-5 Technical Digest, Jan 1979) illus TAC
Attack 19:14-15 Apr '79

On-site plant improves concrete production. illus Mil
Engr 71:253-255 Jul-Aug '79

Pile foundations in the USSR. William R. Stroman and
G. Britt Mitchell. illus Mil Engr 71:171-173 May-
Jun '79

Recycling portland cement concrete pavement. Gor-
don K. Ray. illus tab Mil Engr 71:238-241 Jul-
Aug '79

Safer 'SAFE' operations. TIG Brief 31:4 Jan 12 '79

Steel fiber-reinforced concrete: A second generation
version. LtCol David Brown. tabs Mil Engr 71:
246-248 Jul-Aug '79

Sulfurcrete: Another option in the energy/materials
picture. Alan H. Vroom. illus tabs Mil Engr 71:
250-252 Jul-Aug '79

Thermal conduction effects in human skin. A. M. Stoll
and others. illus tabs Aviation, Space & Envmt
Med 50:778-787 Aug '79

MATERIALS - Continued

The well dressed man (wears nomex). MSgt James A.
Patterson, Jr. illus Aerosp Safety 35:24-26 Apr '79

MATERIALS HANDLINGSee also

Containers

Hazardous Substances--Transportation

Loading and Unloading

Packing for Shipment

Cargo handling systems. Manfred Momberger. illus
Aerosp Intl 15:25-27 Aug-Sep '79

Rebuilding commercial construction equipment. Ken-
nard Underwood, Jr. illus Mil Engr 71:158-162
May-Jun '79

MEADE, Henry J.

In memoriam ... General George S. Brown, 8 Decem-
ber 1978. MajGen Henry J. Meade, Ret. Aerosp
Hist 26:57-58 Mar '79

MEASUREMENT see Weights and Measures

MECHANIZED FORCES see Armor

MEDAL OF HONOR

Above and beyond the call of duty. Philip del Campo.
illus MarCor Gaz 63:20+ Nov '79

Beyond the call of duty ... SSgt James M. Boersema.
illus Soldiers 34:16-20 Nov '79

Dr Mary Walker, Civil War surgeon. SP5 Lana Ott.
illus Soldiers 34:21-22 Nov '79

MEDALS see Awards, Decorations, etc

MEDICAL AND SANITARY AFFAIRSAir Force

Congress told of health hazards at Hill (AFB, UT).
Ron Sanders. AF Times 39:1+ Apr 16 '79

Forensic support to USAF commanders. TIG Brief
31:3 Apr 20 '79

Hill AFB (UT) health probe backed. Ron Sanders. AF
Times 39:4 Apr 23 '79

Pharmacy and Therapeutics Committee: A valuable
management tool. TIG Brief 31:11 May 4 '79

Third-party liability notification. TIG Brief 31:8
Mar 23 '79

ArmyHistory

War is hell on bugs, too. Joyce C. Ware. illus Army
29:37-39 Feb '79

MEDICAL CENTERS AND SCHOOLSArmed Forces

Med school limit--surgeons general protest on Hill.
illus AF Times 39:21 Mar 5 '79

MEDICAL CENTERS AND SCHOOLS - ContinuedArmy

To conserve fighting strength. (Academy of Health Sciences) Janet Hake. *illus Soldiers* 34:16-19 Jun '79

WRAMC (Walter Reed Army Medical Center): In pursuit of excellence. Brian Sullivan. *illus Soldiers* 34:6-10 Jul '79

MEDICAL CORPSAir Force--U. S.

A look at the sponsorship program. TIG Brief 31:14 Oct 19 '79

Personnel outlook: Nine-tenths overcast. Ed Gates. *illus AF Mag* 62:130-132+ Sep '79

Army--U. S.

The military doctor shortage: An identity crisis. Maj A. T. Hadley III. *illus Army* 29:41-43 Jan '79

History

Carromatos and quinine: Private (Charles E.) Longden and the Medical Corps of 1898. Col James B. Agnew, Ret. *illus Mil Rev* 59:11-21 Jul '79

Navy--U. S.

The naval officer/medical officer quandary. Michael S. Smith. *illus US Nav Inst Proc* 105:42-45 Sep '79

MEDICAL EQUIPMENT AND SUPPLIES

Dental service sterilization activities. TIG Brief 31:11 May 4 '79

Maintaining medical stock control levels. TIG Brief 31:15-16 Sep 21 '79

Medical-dental stock fund management. TIG Brief 31:7 Mar 23 '79

Medical facilities equipment. TIG Brief 31:14 Mar 9 '79

New hope for the disabled. Steve Abbott. *illus Soldiers* 34:28-33 Apr '79

Pharmacy controlled-drug security. TIG Brief 31:14 Nov 2 '79

A successful medical Local Purchase (LP) program. TIG Brief 31:7 Jul 13 '79

MEDICAL EXAMINATIONS

DOD urinalysis policy. TIG Brief 31:9-10 Nov 2 '79

Disability evaluation: Retention, retirement, separation. SgtMaj Bruce N. Bant. *illus Soldiers* 34:49-52 Nov '79

A flight surgeon looks at flight surgery. Maj Arthur T. Hadley. *USA Avn Dig* 25:18-19 Jan '79

MEB (Medical Evaluation Board) change: Fewer patient transfers. Ron Sanders. *AF Times* 39:2 Jan 15 '79

Military sick call: Has there been a change? TIG Brief 31:15 Dec 7 '79

MEDICAL EXAMINATIONS - Continued

Physical examination scheduling. TIG Brief 31:9 Mar 23 '79

Validating the 'lifetime' diagnosis. TIG Brief 31:11 Mar 9 '79

Costs

'Nuisance' fee urged for visits to clinics. Richard C. Barnard. *AF Times* 39:1+ Feb 19 '79

MEDICAL RESEARCH

AFIP (Armed Forces Institute of Pathology): To conquer disease. Janet Hake. *illus Soldiers* 34:11-13 Jul '79

Pioneers in dentistry. Brian Sullivan. *illus Soldiers* 34:13-15 Oct '79

MEDICAL SERVICESee also

Dental Corps	Nurse Corps
Flight Surgeons	Surgeon General
Medical Corps	Veterinary Corps
Medical Service Corps	

Air Force--U. S.

General surgery halted at 3 base hospitals. Ron Sanders. *AF Times* 40:2 Aug 13 '79

Health care woes: People, places, \$\$\$. (Testimony to Congress) LtGen Paul W. Myers. *AF Times* 39:8 Mar 5 '79

How to dispel the myth of medical misanthropy. TIG Brief 31:11 Feb 23 '79

Improving health care. (Presentation, House Armed Services Committee, Feb 16, 1979) LtGen Paul W. Myers. *AF Plcy Ltr for Comdrs: Sup No. 5: 20-26 May '79*

(Lt)Gen Myers on PAs: Pluses in health care. *AF Times* 39:40 Jun 18 '79

Military sick call: Has there been a change? TIG Brief 31:15 Dec 7 '79

New family practice clinics ahead. Ron Sanders. *AF Times* 39:3 Feb 26 '79

A quality assurance system. TIG Brief 31:11 Feb 23 '79

Third-party liability notification. TIG Brief 31:8 Mar 23 '79

Armed Forces--U. S.

DOD report ("Defense Resource Management Study") faults Brown on health care. Richard C. Barnard. *AF Times* 39:26 Mar 12 '79

Doctor shortage called a management problem. Richard C. Barnard. *AF Times* 39:2 Mar 26 '79

Foreign military get free health care. Rick Barnard. *AF Times* 40:4 Aug 20 '79

Health care promises to be top Hill issue. *AF Times* 39:21 Feb 19 '79

Health plan choice divides top officials. *AF Times* 39:6 Apr 16 '79

MEDICAL SERVICE - ContinuedArmed Forces--U.S. - Cont'd

Hill hit (by GAO) for med care failures. Richard C. Barnard. AF Times 40:4 Sep 3 '79

If your military doctor makes a mistake, can you sue? Marianne Lester. illus AF Times, Times Magazine sup:6-12 Oct 1 '79

MD losses cut active care. Richard C. Barnard. AF Times 39:3 Jul 9 '79

'Nuisance' fee urged for visits to clinics. Richard C. Barnard. AF Times 39:1+ Feb 19 '79

Pay some doctors a super bonus. (Interview with Vernon McKenzie) illus AF Times 39:10 Jul 16 '79

Rand report criticizes military health plans. Richard C. Barnard. AF Times 39:3 Feb 26 '79

(Rep) Panetta: Contract with private MDs--paid by CHAMPUS. AF Times 39:19 Jul 16 '79

Thousands illegally getting medical care--report (by GAO) notes active duty turned away. AF Times 40:4 Aug 6 '79

\$3 fee won't stop clinic visits. AF Times 39:8 May 28 '79

Waits can cause some to skip medical care. Ron Sanders. AF Times 39:4 Jun 4 '79

Your medical records: How private are they? Lothar H. Wedekind. illus AF Times, Times Magazine sup pt 1, pp 6-12+, Mar 5 '79; pt 2, The civilian world wants a look at them too. pp 10-14, Mar 19 '79

Costs

CHAMPUS shortchange--patients' share of costs too high. Andy Plattner. AF Times 39:1+ Mar 5 '79

Army--U.S.

The doctor shortage. Marion Corddry. illus Army 29:18-24 May '79

Marine Corps--U.S.

We need a single, unified military medical department. LCDR John L. Kubal. illus MarCor Gaz 63: 42-45 Oct '79

Reserve Forces--Air Force--U.S.

Managing the Air Reserve Forces (ARF) medical unit. TIG Brief 31:10 Mar 23 '79

MEDICAL SERVICE CORPSAir Force--U.S.

The medical squadron section commander as a manager. TIG Brief 31:14 Jul 2 '79

National Guard--Air Force--U.S.

ANG Annual Medical Training Program. TIG Brief 31:20-21 Mar 9 '79

MEDICARE

(CHAMPUS) double coverage clarified. AF Times 39:3 Jul 9 '79

MEDICARE - Continued

CHAMPUS now covers crib death monitors. AF Times 39:2 Jul 16 '79

CHAMPUS restores MS victim (LtCol Phillip H. Baker) to rolls. AF Times 39:2 Jan 8 '79

CHAMPUS shortchange--patients' share of costs too high. Andy Plattner. AF Times 39:1+ Mar 5 '79

DOD looking to computers to catch CHAMPUS cheaters. AF Times 39:7 Feb 12 '79

Details on double health coverage. AF Times 40:17 Jul 30 '79

Doc shortage: Report says limit kin. Richard C. Barnard. AF Times 39:6 Jan 8 '79

Improving health care. (Presentation, House Armed Services Committee, Feb 16, 1979) LtGen Paul W. Myers. AF Ploy Ltr for Comdrs: Sup No. 5: 20-26 May '79

Navy hiring 100 MDs to treat dependents. AF Times 40:23 Aug 6 '79

'Nuisance' fee urged for visits to clinics. Richard C. Barnard. AF Times 39:1+ Feb 19 '79

Permanent coverage (by) CHAMPUS sought for service-disabled. AF Times 40:2 Aug 27 '79

(Rep) Panetta: Contract with private MDs--paid by CHAMPUS. AF Times 39:19 Jul 16 '79

Service kin urged to use military hospitals more: GAO report. AF Times 39:10 Jan 22 '79

Supplements narrow CHAMPUS gap. Richard C. Barnard and Skip Volkmann. tab AF Times 40:1+ Dec 3 '79

They have their moments. (CHAMPUS health benefits advisors) LtCol John V. Wilson. illus Airman 23: 35-38 Sep '79

\$3 fee won't stop clinic visits. AF Times 39:8 May 28 '79

Who can see CHAMPUS files? Privacy at issue. AF Times 39:5 Jul 23 '79

MEDICINESee also

Aviation Medicine
Military Medicine
Space Medicine

Study and Teaching

Medical education: Historical perspectives and future directions. (The Louis H. Bauer Lecture) John R. Beljan. Aviation, Space & Envtmt Med 50:1161-1165 Nov '79

MEDITERRANEAN FLEET see Fleet, 6thMEDITERRANEAN REGION

Let's take a look at a BLT (Battalion Landing Team) afloat in the Mediterranean. LtCol J.G. Miller. illus MarCor Gaz 63:55-61 Mar '79

Moscow's quest for naval facilities in the Mediterranean. Milan Vego. illus map Def & For Aff Dig 7, No.12:10-15+ '79

NATO South: The forgotten flank. James D. Hessman. illus Sea Power 22:17-22 Sep '79

MEDITERRANEAN REGION - Continued

Obligations and uncertainties in the Mediterranean.
Gen T.R.Milton, Ret. illus map AF Mag 62:58-63
Sep '79

STRIKFORSOUTH (Naval Striking and Support Force
Southern Europe). John Marriott, illus tab NATO's
Fifteen Nations 23:22-24+ Dec '78-Jan '79

Sea power in the Eastern Mediterranean. J.E.Moore.
illus NATO's Fifteen Nations 24:38-40+ Jun-Jul '79

The southern flank of NATO. ADM Harold E.Shear.
illus NATO's Fifteen Nations 23:17-20 Dec '78-
Jan '79

Strategic Importance

Superpower naval disengagement in the Mediterra-
nean. Ken Booth, illus RUSI J for Def Studies 124:
28-35 Jun '79

Turkey and the Turkish naval forces in NATO. Adm
Bulent Ulusu, illus NATO's Fifteen Nations 23:
100-103 Special Issue '78

MEMORIALS

See also
Cemeteries, National
Unknown Soldier

Missing Man Monument, a tribute to the fallen.
SRAMn Cora Williams, illus AF Times 40:16
Jul 30 '79

MENTAL HEALTH

See also
Psychiatry

A Guardsman remembers the "back wards" (in Rhode
Island's Institute for Mental Health/General Hospi-
tal during nurses' and attendants' strike). Ch(Maj)
Thomas J.Clarke, illus Natl Guard 33:26-27
Nov '79

Mental health. Janet Hake, illus Soldiers 34:28-31
Sep '79

The new military standard for insanity: The wild beast
revisited. LtCol James F.T.Corcoran and Capt
Douglas W.Lyons, Jr. AF Law Rev 20, No.2:182-
190 '78

Outrageous fortune--slings and arrows. Maj Wayne
E.Griffith, illus Interceptor 21:5-11 Jun '79

Vietnam vets--a new battlefield. Steve Abbott, illus
Soldiers 34:28-30 Nov '79

Who can see CHAMPUS files? Privacy at issue. AF
Times 39:5 Jul 23 '79

MENTAL HEALTH CENTERS see Mental HealthMERCHANT MARINERussia

Atlantic Council cites 'strategic challenge' posed by
Soviet Merchant Marine. L.Edgar Prina, illus
tab Sea Power 22:47-51 Oct '79

Container fleet of the USSR, Isaac Grabarnik, illus
tabs Def Trans J 35:30-34+ Jun '79

MERCHANT MARINE - ContinuedUnited States

GAO says Merchant Marine "viable supplement" to
Navy. L.Edgar Prina, illus Sea Power 22:35-36
Feb '79

Maritime policy ... how should it be formed? Maj
Roger M.Reynolds and others, illus Translog 10:
5-8 Apr '79

Maritime roundup: The withered 'fourth arm of de-
fense.' L.Edgar Prina, illus Sea Power 22:15-18
May '79

The modern American merchant marine. Col Lane
C.Kendall, Ret. illus US Nav Inst Proc 105:67-75
Dec '79

Movement of military support cargo, illus Def
Trans J 35:38-41 Apr '79

Recent developments in Reserve Merchant Ship De-
fense System, illus tab Officer 55:12-13 Jun '79;
Log Spectrum 13:46-47+ Winter '79

SKU (Subsidized Keel Up) requires stronger gray hull
combatant building program. RADM John B.John-
son, illus Officer 55:13 Sep '79

Toward a national merchant marine policy. Col Lane
C.Kendall, Ret. illus US Nav Inst Proc 105:42-47
Feb '79

U.S. oil sea routes and minor naval powers. Milan
Vego, illus tabs map Def & For Aff Dig 7, No.8:
12-15+ '79

MERCY MISSIONS

Helping hand! (Army airmen of the Puerto Rico Na-
tional Guard in the Dominican Republic) illus Natl
Guard 33:16-18 Nov '79

The return to Johnstown. Col Max R.Janairo, Jr,
Ret. illus Mil Engr 71:32-34 Jan-Feb '79

Wyoming hayride. Capt John T.Edwards, illus Air
Reservist 31:14-15 Apr '79

METALS

Precious metal recovery. TIG Brief 31:22 Jan 26 '79

Recovering precious metals. Maj Robert L.Woodson,
Army Log 11:33-35 Jan-Feb '79

Stricter standards set for lead exposure. Ron Sand-
ers, AF Times 39:2 Jul 23 '79

METEOROLOGICAL STATIONS see Weather StationsMETEOROLOGY

See also
Weather

Terminology

What's in a name? CMSgt Jack DuBose, illus MAC
Flyer 26:12-13 Aug '79

METHODOLOGY

See also subdivision Methodology under specific
subjects

METRIC SYSTEM see Weights and MeasuresMEXICAN WAR, 1845-1848

- Battalion of the damned. (San Patricio) Stan Feder-
man. illus Army 29:41-46 Jul '79
- Bragg--valiant artilleryman. Col Robert M. Steg-
maier, Ret. illus Fld Arty J 47:55-57 Nov-Dec '79
- The "capture" of Monterey in 1842. Frank W. Gapp.
illus US Nav Inst Proc 105:46-54 Mar '79
- Samuel Ringgold and the "flying batteries." Col Rob-
ert M. Stegmaier, Ret. illus Fld Arty J 47:57-59
Jul-Aug '79
- Vera Cruz, 1847: A lesson in command. Col John
Fleming Polk, Ret. illus maps MarCor Gaz 63:
61-66 Sep '79

MEXICO

- Fading away in Mexico. Fred Reed. illus AF Times,
Times Magazine sup:4-10 Sep 17 '79

Foreign Economic RelationsUnited States

- Mexican petroleum and U.S. national security. Rich-
ard R. Fagen. Intl Sec 4:39-53 Summer '79

MEYER, Edward C.

- Fulfilling mission means being ready to fight anytime,
anywhere. Gen Edward C. Meyer. por Army 29:
18-21 Oct '79
- LtGen Edward C. Meyer, new Army Chief of Staff.
por Natl Guard 33:7 Jun '79
- Meyer named Army's new Chief of Staff. por Armed
Forces J Intl 116:10 Jun '79
- New Chief of Staff (Gen Edward C. Meyer). por Sol-
diers 34:2 Jul '79
- Top Army positions change: Gen Meyer named new
Chief of Staff, CSGM Connelly SMA. por Army
29:11 Jul '79
- Toward a more perfect union in civil-military rela-
tions. Gen Edward C. Meyer. por Parameters 9:
76-83 Jun '79
- A word to today's Army. Gen Edward C. Meyer. por
Natl Guard 33:13 Sep '79

MICHELANGELO

- The military Michelangelo. Charles J. Blankenship.
por Mil Rev 59:47-49 Jul '79

MICRONESIA

- Christmas drop. (USAF aircrews drop presents and
supplies from the people of Guam to the islanders
of Micronesia) Capt Katie Cutler. illus Airman 23:
27-29 Dec '79

MICROWAVESSee also

Millimeter Waves

- Exploring microwave technologies @ 30-300 GHz. Bill
Walsh. illus tabs Mil Elect/Countermeasures 5:
82+ Oct '79

MICROWAVES - Continued

- Gigabit Logic (for Microwaves) Conference--report.
D. Howard Phillips. Mil Elect/Countermeasures
5:21 Jun '79
- The solid state transmitter: It is here today. Arthur
Levitan. illus tab Mil Elect/Countermeasures 5:
67-68+ Nov '79
- A study of the health status of radar workers. Zoran
Djordjevic and others. tabs Aviation, Space &
Envmt Med 50:396-398 Apr '79

MIDDENDORF, John W., II

- The United States needs another nuclear carrier--
now. J. William Middendorf II and ADM Thomas
H. Moorer, Ret. Sea Power 22:22-25 Apr '79

MIDDLE EAST

- Camp David and its aftermath. John Patrick Walsh.
illus Educ J 21:54-71 '78/'79
- Defense production in the Middle East: The new era.
illus Def & For Aff Dig 7, No. 6:40-41+ '79
- Mideast, Gulf area turmoil will stir Kurds to rise
again. Col Robert D. Heintz, Jr., Ret. illus map
Sea Power 22:33-34 Apr '79
- On the Cyprus conflict. George A. Kourvetaris. J Pol
& Mil Sociol 6:105-122 Spring '78
- What if? U.S. military strategy for the Middle East.
Juan Cameron. (Reprinted from Fortune, May 7,
1979) maps Mil Rev 59:8-17 Nov '79
- A year of change: The recent and future Middle East.
illus Def & For Aff Dig 7, No. 6:12-13+ '79

MIDDLE EAST CRISIS, 1967See also

- Arab-Israeli Conflict, 1967-
Middle East War, 1973

MIDDLE EAST WAR, 1973See also

- Arab-Israeli Conflict, 1967-

- The battle for Suez City. Maj Glenn F. Rogers, Jr.
illus map Mil Rev 59:27-33 Nov '79
- Israeli defense of the Golan. (Interview with BrigGen
Avigdor Kahalani) Maj Geoffrey G. Prosch. illus
Mil Rev 59:2-13 Oct '79
- The 1973 Middle East War--an engineer's view.
LtCol William G. Kosco. illus Mil Engr 71:394-
399 Nov-Dec '79
- The Suez crossing. (Interview with MajGen Mohamed
Abdel Halim Abou Ghazala) illus Mil Rev 59:2-7
Nov '79
- The Yom Kippur War: A review and reassessment.
Capt Thomas D. Phillips. Educ J 21:49-53 '78/'79

MILITARISM

- Apologists of militarism. Col Ye. Rybkin. Soviet Mil
Rev No. 12:45-47 Dec '79
- Militarist propaganda. A. Mitrofanov. Soviet Mil Rev
No. 11:50-52 Nov '79

MILITARY ACADEMIESGreat Britain

"Serve to lead"--the Royal Military Academy, Sandhurst. Col Norman L. Dodd, Ret. illus chart Mil Rev 59:51-63 Feb '79

Russia

Russian military education. Col Richard G. Head. illus Mil Rev 59:14-16 Feb '79

History

A political personnel training centre (Lenin Military-Political Academy). illus Soviet Mil Rev No. 12: 5-8 Dec '79

United StatesSee also

Noncommissioned Officers Academies
also Service academies by name, e.g.,
Air Force Academy
Military Academy, West Point, NY
Naval Academy, Annapolis, MD

More foreign students at academies? AF Times 40:12 Sep 10 '79

MILITARY ACADEMY, WEST POINT, NY

Duty, honor, country: The West Point story. SP5 Lana Ott. illus Soldiers 34:13-18 Dec '79

Goodpaster + two: West Point today. Interview. LtGen Andrew J. Goodpaster. illus Army 29:14-23 Jun '79

MILITARY AFFILIATE RADIO SYSTEM

The Military Affiliate Radio System ... a perspective. LtCol Peter M. Hurd, Ret. illus Signal pt 1, 34:45-47+ Sep '79

MILITARY AID TO FOREIGN COUNTRIESAfrica, East

Realignment in the Horn: The Soviet advantage. Steven David. Intl Sec 4:69-90 Fall '79

Korea (Republic)

On watch in Korea: Stress and challenge. Gen John A. Wickham, Jr. illus Army 29:66-71 Oct '79

Latin America

The political impact of U.S. military aid to Latin America--institutional and individual effects. John Samuel Fitch. tabs Armed Forces & Soc 5:360-386 Spring '79

Why U.S. influence is declining in Latin America. Bonner Day. map illus tabs AF Mag 62:52-57 May '79

Middle East

The weapons connection. Maj Robert R. Ulin. illus map tabs Mil Rev 59:55-65 Nov '79

Somalia

Soviet military presence abroad: The lessons of Somalia. Capt Gary D. Payton. illus Mil Rev 59:67-77 Jan '79

MILITARY AIRLIFT COMMANDSee also

Aerospace Rescue and Recovery Service
Air Force, 21st
Air Force, 22d
Air Weather Service

Audit advice: Cut air terminal operations. Len Farnigletti. AF Times 39:2 Feb 26 '79

Decentralizing develops leaders. Gen William G. Moore, Jr. (Reprinted from MAC News Service, Jan 29, 1979) AF Plcy Ltr for Comdrs: Sup No.4: 24-25 Apr '79

Defense transportation almanac: Facts and figures on military transportation. Regular feature in some issues of Defense Transportation Journal

General Huyser takes command (of MAC). illus MAC Flyer 26:3 Sep '79

Getting down and dirty. (C-130 pilots learn to land and take-off on a dirt runway at Dyess AFB, TX) MSgt David B. Drachlis. illus Airman 23:18-20 Nov '79

Korea's improved port call system (Single Passenger Reservation System). Capt Stephen Giordano. illus Translog 10:14-15 Jun '79

(MAC) accident statistics for 1978. illus tabs MAC Flyer 26:4-6 Apr '79

MAC and me and the C-5 makes three. Maj David M. H. Sibbald. illus MAC Flyer 26:9-12 Mar '79

MAC is meeting global challenges today with success. What about tomorrow? Gen William G. Moore, Jr. illus Command 2:2-5+ Feb '79

MAC service reduces costs (on) DC-Europe flights. AF Times 39:12 Jun 18 '79

Military Airlift Command. tab illus charts AF Mag 62:78-80 May '79

The Military Airlift Command: Air reinforcement for NATO. Gen Robert E. Huyser. illus charts NATO's Fifteen Nations 24:29-31+ Aug-Sep '79

Military Airlift Command: The prime mover. William P. Schlitz. illus AF Mag 62:46-52 Feb '79

Reserve Air Fleet said working well. AF Times 39:7 Jan 29 '79

Three-ring showcase. (MAC units compete in tactical rodeo at Pope AFB, NC) SSgt Jim Katsaman. illus Airman 23:32-34 Oct '79

MILITARY ART AND SCIENCESee also

Attack and Defense (Military Service)
Deception in Warfare
Interdiction
Strategy
Surprise in Warfare
Tactics

The challenge of Clausewitz. GpCapt R. A. Mason. AU Rev 30:75-79 Mar-Apr '79

The Greeks had a word for it: OPSEC (Operations SECURITY). Col Joseph A. Barry, Ret. illus Army 29:37-39 Jun '79

MILITARY ART AND SCIENCE - Continued

Military doctrine, force structure, and the defense decision-making process. William S. Lind. illus AU Rev 30:21-27 May-Jun '79

On war, time, and the principle of substitution. Herman L. Gilster. illus AU Rev 30:2-19 Sep-Oct '79

Principles of deterrence. Col John M. Collins, Ret. illus tabs AU Rev 31:17-26 Nov-Dec '79

Rear support for the Soviet ground forces. C.N. Donnelly. illus tabs Intl Def Rev 12, No.3:344-350 '79

The Soviet approach. Maj Armand De Cesare and Capt Adolf Carlson. illus Infantry 69:16-19 Jan-Feb '79

Strategymaking for the 1980's. LtGen Raymond B. Furlong. illus Parameters 9:9-16 Mar '79

'Unilateral Corps': Is the U.S. turning a new strategic corner? Col James B. Agnew, Ret. illus Army 29:30-33 Sep '79

MILITARY ASSISTANCE ADVISORY GROUP

Growing dilemmas for the management of arms sales. Paul Y. Hammond and others. tabs Armed Forces & Soc 6:1-21 Fall '79

MILITARY ASSISTANCE PROGRAMSee also

Security Assistance Program

The political impact of U.S. military aid to Latin America--institutional and individual effects. John Samuel Fitch. tabs Armed Forces & Soc 5:360-386 Spring '79

Turning the supertanker: Arms transfer restraint. Lucy Wilson Benson. tab Intl Sec 3:3-17 Spring '79

U.S. security interests and Africa south of the Sahara. Gen Bruce Palmer, Jr, Ret. maps tabs AEI Def Rev 2:2-43 '78

MILITARY BASESSee also

Air Bases

Army Posts

Inactivation of Installations and Units

United States

The good, the bad & the ugly: Here's how you rated bases in the U.S. John Greenwald. illus tabs AF Times, Times Magazine sup:4-9 Mar 19 '79

MILITARY BASES, AMERICAN

Study says some bases overseas not needed. AF Times 39:16 Jun 11 '79

Philippines (Republic)

New accord signed by U.S., Philippines. AF Times 39:8 Jan 22 '79

MILITARY CEREMONIES, HONORS AND SALUTES

Military ceremonies. Capt V. Drozdov. illus Soviet Mil Rev No.8:30-34 Aug '79

MILITARY CEREMONIES, HONORS AND SALUTES - Continued

Nellis (AFB, NV, Honor) Guard 'sacrifices' for funerals. illus AF Times 39:21 Jan 29 '79

POW-MIA Day (July 16, 1979). SSgt Fred Spriggs and SrAmn Cora Williams. illus AF Times 40:16 Jul 30 '79

Reflections on a new tradition, the Marine Corps mess night. Maj Merrill L. Bartlett. illus MarCor Gaz 63:33-40 Jun '79

MILITARY CIVIC ACTION see Civic Action Program

MILITARY-CIVIL RELATIONS

Air Force participation in static displays and flyovers. TIG Brief 31:4 Dec 7 '79

The Army and social progress. Col Ye. Dolgoplov. Soviet Mil Rev No.2:50-51 Feb '79

Aspects of the relationship between military and society in Switzerland. Karl Haltiner and Ruth Meyer. tabs illus Armed Forces & Soc 6:49-81 Fall '79

Changing dimensions of military professionalism: Education and enlightened advocacy. LtCol Sam C. Sarkesian, Ret. illus Mil Rev 59:44-56 Mar '79

Civil-military operations: An element in winning the first battle in Central Europe. LtCol Wesley A. Groesbeck. illus Mil Rev 59:14-19 Apr '79

Civil-military relations in the Federal Republic of Germany. Ralf Zoll, ed. tabs Armed Forces & Soc 5: entire issue Summer '79

Decreasing distance and growing curiosity: Social sciences and the military in West Germany, a survey of recent studies. Wilfried von Bredow. Armed Forces & Soc 5:669-686 Summer '79

Different values--common goal. (Adapted from address, Convocation of the 95th Class, Naval War College, Aug 16, 1978) R. James Woolsey. Nav War Col Rev 31:3-5 Winter '79

Dissent and the soldier. Gen T.R. Milton, Ret. illus Strat Rev 7:15-22 Spring '79

The emergence of the Bundeswehr as a pressure group. James A. Linger. tabs Armed Forces & Soc 5:560-589 Summer '79

German civil-military relations: The problem of legitimacy. Ralf Zoll. tabs Armed Forces & Soc 5:523-559 Summer '79

The military in a democracy: A review of American Caesar. Forrest Pogue. Intl Sec 3:58-80 Spring '79

Officers and politicians: The origins of Army politics in the United States before the Civil War. William B. Skelton. Armed Forces & Soc 6:22-48 Fall '79

Public opinion and security policy: The West German experience. Ralf Zoll. tabs Armed Forces & Soc 5:590-605 Summer '79

Remarks on Lasswell's "The Garrison State." Raymond Aron. Trans by Ellen Stern and Michel Martin. Armed Forces & Soc 5:347-359 Spring '79

MILITARY-CIVIL RELATIONS - Continued

Support of the military today and tomorrow. (Presentation, Strategic Air Command Commander's Conference, Offutt AFB, NE, May 23, 1979) MajGen Richard A. Yudkin, Ret. AF Plcy Ltr for Comdrs: Sup No.7:33-40 Jul '79

Toward a more perfect union in civil-military relations. Gen Edward C. Meyer. illus Parameters 9: 76-83 Jun '79

Unity of the Army and the people. Col N. Sedov. Soviet Mil Rev No.3:7-9 Mar '79

Watching TV news and supporting the military--a surprising impact of the news media. C. Richard Hofstetter and David W. Moore. tabs Armed Forces & Soc 5:261-269 Winter '79

MILITARY CONFERENCES see Conferences, MilitaryMILITARY DEPENDENTS see Dependents, MilitaryMILITARY EDUCATION see Education, Scientific; Education, Technical; Education and TrainingMILITARY ENGINEERING

Combat engineers in evolution. Col Claude L. Roberts, Jr and Maj Kent D. Steele, Jr. illus Mil Engr 71:390-393 Nov-Dec '79

Engineer capabilities of the Soviet and Warsaw Pact Armies. James E. Deaton. illus Mil Engr 71:416-423 Nov-Dec '79

Military engineering applications of membranes. Col Phillip D. Weinert. illus tabs Mil Engr 71:174-175 May-Jun '79

The 1973 Middle East War--an engineer's view. LtCol William G. Kosco. illus Mil Engr 71:394-399 Nov-Dec '79

Offshore technology. Regular feature in issues of Military Engineer

Railway soldiers. (Interview with ColGen A.M. Kryukov) illus Soviet Mil Rev No.7:11-14 Jul '79

Equipment

Combat engineering equipment for the 1980's. Col Bernard C. Hughes. illus tab Mil Engr 71:406-410 Nov-Dec '79

MILITARY EXPORT SALES see Arms SalesMILITARY GEOGRAPHY

Terrain analysis. LtCol Joseph C. Gross III and Maj Harry B. Beam. illus Armor 88:17-20 Jan-Feb '79

Germany (Federal Republic)

Military operations in built-up areas. Maj L. Erick Ohlsson. Armor 88:45-46 Sep-Oct '79

MILITARY HISTORY

See also subdivision History under specific Services

The Battery Book Shop: Dealer in nostalgia. Julie Pursell. illus Army 29:34+ Sep '79

Charge of the Heavy Brigade. 2dLt Robert N. Stacy. illus Armor 87:30-32 Nov-Dec '78

MILITARY HISTORY - Continued

Civil War photos viewed through a modern lens. Barry Sparks. illus Army 29:44-47 May '79

Command method: A gap in military historiography. Roger A. Beaumont. illus Nav War Col Rev 31:61-74 Winter '79

The historian and battle. John Keegan. Intl Sec 3: 138-149 Winter '78-'79

Kasserine Pass. Henry E. Gardner. illus map Armor 88:12-17 Sep-Oct '79

Leave history to the historians. Capt Kenneth W. Estes. MarCor Gaz 63:28+ Nov '79

Morgan's raid. SP4 Janette J. Raker. illus map Armor 88:23-25 May-Jun '79

The Protestant ethic and the spirit of violence. James A. Aho. J Pol & Mil Sociol 7:103-119 Spring '79

A search for meaning. LtCol Harold E. McKinney, Ret. illus MarCor Gaz 63:47-50 Dec '79

Teach our officers how to fight. Col W. L. Traynor, Ret. MarCor Gaz 63:30+ Nov '79

Weather and war. John F. Fuller. illus Navigator 26: 5-9 Summer '79

'Your authority in France will be supreme': The Baker-Pershing relationship in World War I. Donald Smythe. illus Parameters 9:38-45 Sep '79

MILITARY JUSTICE

CMA-Services feud escalates. AF Times 39:7 Apr 30 '79

In your defense. (AF's Area Defense Counsel program provides defense attorneys for defendants in military legal actions) Sgt Craig Pugh. illus Airman 23:37-41 Nov '79

The Jencks Act. Maj Olan G. Waldrop, Jr. AF Law Rev 20, No.2:93-118 '78

Limiting court-martial jurisdiction: A continuing process. Col Earl E. Hodgson. AF Law Rev 20, No.3:256-285 '78

Military justice: Is it equal? Maj Felix Fenton Moran III. illus AU Rev 30:52-61 Jul-Aug '79

Novice lawyer system in court scored. AF Times 40:17 Oct 22 '79

MILITARY LAW

See also
Military Justice

Study and Teaching

A gathering of legal eagles. (Judge Advocate General's Annual Survey of Law, Judge Advocate School, Maxwell AFB, AL) illus Air Reservist 31:8-9 Feb '79

Russia

Disciplinary Regulations. LtCol Yu. Oshmyansky. Soviet Mil Rev No.11:46-47 Nov '79

Interior Service Regulations. Col A. Kropotov. Soviet Mil Rev No.9:24-25 Sep '79

MILITARY LAW - ContinuedUnited StatesSee also

Court of Military Appeals
Courts-Martial
Uniform Code of Military Justice

Limiting court-martial jurisdiction: A continuing process. Col Earl E. Hodgson. AF Law Rev 20, No.3:256-285 '78

The new military standard for insanity: The wild beast revisited. LtCol James F. T. Corcoran and Capt Douglas W. Lyons, Jr. AF Law Rev 20, No.2:182-190 '78

MILITARY LIFE

AFA addresses personnel problems (at Annual Convention, Washington, Sep 17-19, 1979). Len Famiglietti. AF Times 40:4 Oct 1 '79

Duty, honor, country: The West Point story. SP5 Lana Ott. illus Soldiers 34:13-18 Dec '79

First class passage--the military was different then and so was the trip home. Andy Plattner. illus AF Times, Times Magazine sup:12-15 Aug 13 '79

How will we man the fleets? CAPT Brayton Harris, Ret. illus US Nav Inst Proc 105:72-87 May '79

I miss you, Air Force. (Memories of AF life) Col Norman A. Parker, Ret. illus Airman 23:38-40 Oct '79

Portrait of a first sergeant (Isaac Guest, Jr). MSGT Matt Glasgow. illus Soldiers 34:28-34 Aug '79

Push on to boost quality of (Air Force) life. Len Famiglietti. AF Times 40:1+ Dec 3 '79

(Rep Dan) Daniel to Hill: Stop cutting benefits. illus AF Times 39:23 May 21 '79

Sharing the skills in a post co-op. Patricia M. Bloebaum. illus AF Times, Times Magazine sup:18-21 Jan 15 '79

Some families o'seas better off than those in U.S. (Interview with Roland P. Ceolla) Suzanne Viau. illus AF Times 40:27 Dec 17 '79

When family life falls apart. Clifford R. Dunning. illus AF Times pt 1, 39:39+ Jan 8 '79; pt 2, Foudering families can get help. 39:43+ Jan 15 '79

Why I stay. Dee Beck. illus AF Times, Times Magazine sup:4-9 Aug 13 '79

Handbooks, Manuals, etc

Handbook for military families. illus tabs AF Times, Times Magazine sup: entire issue Jun 18 '79

MILITARY MANPOWER see Manpower, MilitaryMILITARY MEDICINE

Health care promises to be top Hill issue. AF Times 39:21 Feb 19 '79

The medical effects of blast overpressure. Col Leslie B. Altstatt and others. illus Fld Arty J 47:9-12 Mar-Apr '79

MILITARY MEDICINE - Continued

The naval officer/medical officer quandary. Michael S. Smith. illus US Nav Inst Proc 105:42-45 Sep '79

Plastic surgery: Reshaping lives. Janet Hake. illus Soldiers 34:39-42 Mar '79

MILITARY MUSIC see Music, MilitaryMILITARY OCCUPATIONSee also

Haiti--Military Occupation, American

MILITARY OCCUPATION SPECIALTY see Personnel Classification--Army--U.S.

MILITARY OFFENSES see Crimes and MisdemeanorsMILITARY PLANNING

Analyzing Army's readiness and sustainability. LtGen Eivind H. Johansen. Signal 33:15-16 Jul '79

The beleaguered Navy. John T. Hayward. Govt Exec 11:12+ Jan '79

Broadening the strategic planning process. John C. Stetson. illus AF Mag 62:58-59 May '79

Changing military priorities. Gen Maxwell D. Taylor, Ret. AEI For Plcy & Def Rev 1, No.3:2-13 '79

The economic and political restraints on force planning. George Brown and Lawrence Korb. illus Nav War Col Rev 32:51-62 Jul-Aug '79

Electronic warfare integration & planning. Gen Alton D. Slay. illus Signal 33:16+ Mar '79

Employment of divisional Chaparral/Vulcan now. 1stLt Walter P. Schaefer. illus Air Def Mag, pp 28-29, Jul-Sep '79

Greenleaf: He shapes the AF of the future. Interview. LtGen Abbott C. Greenleaf. illus AF Times 40:10 Oct 22 '79

Long-range planning--a new beginning. LtCol Alan Gropman. AU Rev 31:49-54 Nov-Dec '79

Military weaponry: How lethal? Col Trevor N. Dupuy, Ret. illus tabs Army 29:23-27 Feb '79

NATO long term planning: The challenge of the future to the Alliance. LtGen Lothar Domröse. illus tabs NATO's Fifteen Nations 24:114+ Oct-Nov '79

Obstacle planning. 1stLt Charles L. Toomey. illus tabs Armor 88:43-46 Mar-Apr '79

Strategic metaphors. Col John C. Scharfen, Ret and Kristine S. Wilcox. illus US Nav Inst Proc 105:36-41 Sep '79

MILITARY POLICE

The Air Force Crime Prevention Program. TIG Brief 31:3 Apr 6 '79

The best in AFRES (94th Weapons System Security Flt, Dobbins AFB, GA). SMSgt Gerald H. Smith. illus Air Reservist 31:12-15 Jun '79

Efforts to boost morale paying off, SP chief says. Interview. BrigGen William R. Brooksher. AF Times 39:10 Feb 19 '79

MILITARY POLICE - Continued

Getting the maximum out of your drug abuse investigative resources. TIG Brief 31:5 Nov 16 '79

Help in family crisis. (DART, Domestic-Affairs-Reaction-Team) SSgt Don Carr. illus Soldiers 34: 24-27 Feb '79

Lock, stock and barrel. (Air Force gunsmiths support security police shooters) Capt Katie Cutler. illus Airman 23:47-48 Feb '79

MPs on the line. Steve Abbott. illus Soldiers 34:31-33 May '79

Memorandum of understanding on military deserters. TIG Brief 31:4 Feb 9 '79

The minicops. (USAF aids the Boy Scouts of America Law Enforcement Explorer Posts) Capt Katie Cutler. illus Airman 23:32-36 Mar '79

Polygraph support. TIG Brief 31:4 Mar 9 '79

SAC SP Lowder takes first in worldwide shooting matches (Worldwide Security Police Marksmanship Matches). AF Times 40:3 Nov 19 '79

Safer 'SAFE' operations. TIG Brief 31:4 Jan 12 '79

Security mission: Visit of Chinese leader to Texas was a challenge to "sky cops" of base security at ANG/Ellington (AFB). SSgt Bruce Zielsdorf. illus Natl Guard 33:22-23 Feb '79

Security police Special Experience Identifiers. TIG Brief 31:6 Nov 16 '79

Security police supervisors' development. TIG Brief 31:5 Jul 2 '79

Straight shooters all. (Worldwide Security Police Marksmanship Matches) Capt Katie Cutler. illus Airman 23:41-46 Feb '79

10 SPs win annual outstanding awards. illus AF Times 40:27 Jul 30 '79

.38 revolver training for security specialists. TIG Brief 31:16 Jan 26 '79

Women barred from security. Bruce Callander. AF Times 39:6 Apr 9 '79

MILITARY POLICYBelgium

Belgium: A fully committed partner. Paul Vanden Boeynants. illus NATO's Fifteen Nations 24:37+ Oct-Nov '79

Canada

Canada's contribution and problems. Paul Hellyer. illus NATO's Fifteen Nations 24:42-43+ Oct-Nov '79

China (People's Republic)

China touches the tigers' bottoms. MajGen Robert N. Ginsburgh, Ret. illus AF Mag 62:40-45 Jun '79

Dilemmas for America in China's modernization. Lucian W. Pye. Intl Sec 4:3-19 Summer '79

MILITARY POLICY - ContinuedDenmark

How NATO has affected the view of the Danish people on defence. Paul Sjøgaard. illus NATO's Fifteen Nations 24:46-47 Oct-Nov '79

France

The future of France's force de disuasion. Gen Pierre M. Gallois, Ret. illus Strat Rev 7:34-41 Summer '79

The major directions of French foreign policy. François de Rose. illus NATO's Fifteen Nations 24:48+ Oct-Nov '79

Germany (Democratic Republic)

Concepts of East German defence doctrine. Stephen R. Bowers. Army Qtr 108:423-432 Oct '78

Germany (Federal Republic)

The German aspect. Hans Apel. illus NATO's Fifteen Nations 24:56-58+ Oct-Nov '79

Italy

Italy in the Alliance--a constant partner. Attilio Ruffini. illus NATO's Fifteen Nations 24:72+ Oct-Nov '79

NATO

The Euronuclear balance of forces. Hubertus Hoffmann and Rolf Steinrücke. illus NATO's Fifteen Nations 24:169-171+ Oct-Nov '79

The long-term defence programme: Crucial to credible deterrence. LtGen Joseph M. Heiser, Jr, Ret. illus Def Mgt J 15:2-7 Jul-Aug '79

The terrible strategy of terror: A French perspective. Col Marc Geneste, Ret. illus Strat Rev 7: 23-31 Spring '79

Netherlands

The credibility of NATO is essential to peace. W. Scholten. illus NATO's Fifteen Nations 24:81+ Oct-Nov '79

Dutch defense policy for the '80s--less nuclear, more conventional. R. D. M. Furlong. Intl Def Rev 12, No.3:319-322 '79

Norway

Norway--strategic focal point on the northern flank. Rolf Hansen. illus NATO's Fifteen Nations 24: 91-94 Oct-Nov '79

Portugal

Portugal--a new society strengthens the Alliance. José Alberto Loureiro dos Santos. illus NATO's Fifteen Nations 24:96-97 Oct-Nov '79

Russia

Attacking the weakest link: The anti-support role of Soviet naval forces. LCDR Floyd D. Kennedy, Jr. illus Nav War Col Rev 32:48-55 Sep-Oct '79

Changing military priorities. Gen Maxwell D. Taylor, Ret. AEI For Ploy & Def Rev 1, No. 3:2-13 '79

MILITARY POLICY - ContinuedRussia - Cont'd

- The growing Soviet artillery threat. Charles Dick. tabs illus RUSI J for Def Studies 124:66-73 Jun '79
- Marines must know the threat. MarCor Gaz 63:17-18 Oct '79
- Patterns of Soviet involvement in a local war. Amnon Sella. RUSI J for Def Studies 124:53-56 Jun '79
- Posture statements: Soviet threat seen. Harold Brown and Gen David Jones. AF Times 39:12 Feb 12 '79
- Soviet intentions. Michael McCwire. Intl Sec 4:139-143 Summer '79
- Soviet military policy: Objectives and capabilities. William T. Lee. illus AF Mag 62:54-59 Mar '79
- The Soviet military press 1978. John Erickson. Strat Rev 7:83-96 Summer '79
- Soviet strategic vulnerabilities. Colin S. Gray. illus AF Mag 62:60-64 Mar '79
- U.S. defense priorities. Lloyd Norman. AEI For Plcy & Def Rev 1, No. 3:13-23 '79
- World hegemony through military superiority. Edgar Ulsamer. tabs AF Mag 62:40-47 Mar '79

United States

- The beleaguered Navy. John T. Hayward. Govt Exec 11:12+ Jan '79
- Bureaucratic politics: Academic windfalls and intellectual pitfalls. James A. Nathan and James K. Oliver. J Pol & Mil Sociol 6:81-91 Spring '78
- The challenge of Clausewitz. OpCapt R. A. Mason. AU Rev 30:75-79 Mar-Apr '79
- The changing context of American seapower. James A. Nathan and James K. Oliver. illus Nav War Col Rev 32:3-16 Feb '79
- Changing military priorities. Gen Maxwell D. Taylor. Ret. AEI For Plcy & Def Rev 1, No. 3:2-13 '79
- Commitments, capabilities, and U.S. security policies in the 1980's. J. David Singer. illus Parameters 9:27-31 Jun '79
- 'Countervailing strategy.' Edgar Ulsamer. illus AF Mag 62:54-59 Apr '79
- Military posture and national power--an overview. Gen David C. Jones. illus Signal 33:115-116+ May-Jun '79
- Military Posture for FY 1980. (Overview, Senate Armed Services Committee, Jan 25, 1979) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No. 3:21-30 Mar '79
- The military requirements of U.S. strategy. Colin S. Gray. illus Mil Rev 59:2-13 Sep '79
- New critical defense needs. Edgar Ulsamer. (2d report on AFA's National Symposium on "Toward a New World Strategy," Los Angeles, Oct 26-27, 1978) illus AF Mag 62:26-31 Feb '79
- A new look at Arapaho--an idea whose time has come? James J. Mulquin. Sea Power 22:23-29 May '79

MILITARY POLICY - ContinuedUnited States - Cont'd

- New weapons technologies: Implications for defense policy. Robert Kennedy. illus tab Parameters 9:64-75 Jun '79
- Posture statements: Soviet threat seen. Harold Brown and Gen David Jones. AF Times 39:12 Feb 12 '79
- Press research affects policy. (Remarks, Media-Military Conference, Naval War College, Newport, RI, Nov 29, 1978) Daniel Z. Henkin. AF Plcy Ltr for Comdrs: Sup No. 2:34-40 Feb '79
- Russians nervous about U.S. rapid deployment force. LtCol William P. Baxter, Ret. illus Army 29:38-39 Dec '79
- The SALT II paradox. Editorial. A.G.B. Metcalf. Strat Rev 7:9-12 Fall '79
- Soviet perceptions of U.S. strategy. William F. Scott. AF Mag 62:72-75 Mar '79
- Strategic deterrence in the age of détente. CAPT Robert J. Carlin, Ret. illus US Nav Inst Proc 105:28-35 Sep '79
- The terrible strategy of terror: A French perspective. Col Marc Geneste, Ret. illus Strat Rev 7:23-31 Spring '79
- Toward a new world strategy. (Report on AFA's National Symposium on "Toward a New World Strategy," Los Angeles, Oct 26-27, 1978) Edgar Ulsamer. illus AF Mag 62:60-65 Jan '79
- U.S. defense priorities. Lloyd Norman. AEI For Plcy & Def Rev 1, No. 3:13-23 '79
- U.S. global retrenchment and the Army of 2000. Alwyn H. King. illus Parameters 9:47-55 Jun '79
- U.S. naval forces and the northern flank of NATO. F. J. West, Jr. illus tabs Nav War Col Rev 32:15-25 Jul-Aug '79

MILITARY POWER

See also
Aerospace Power
Sea Power

Statistics

- The Military Balance: 1978/79. London's International Institute for Strategic Studies. illus tabs Aerosp Intl 14: entire issue Dec '78-Jan '79
- The Military Balance: 1979/80. International Institute for Strategic Studies. illus tabs AF Mag 62:61-135 Dec '79

China (People's Republic)

- China's military potential: A growing U.S. dilemma. Bonner Day. map illus AF Mag 62:38-42 Jan '79

Muslim World

- Islam and military power. MajGen Nawabzada Sher Ali Khan Pataudi. map Mil Rev 59:66-73 Nov '79

Russia

- The decade of decision. Talbot S. Lindstrom. illus Natl Def 64:24-29+ Sep-Oct '79

MILITARY POWER - ContinuedRussia - Cont'd

Exploiting American vulnerabilities. James A. Nathan. illus Nav War Col Rev 32:39-50 Jul-Aug '79

The growing Soviet artillery threat. Charles Dick. tabs illus RUSI J for Def Studies 124:66-73 Jun '79

Military posture & national power. Gen David C. Jones. illus Command Plcy 2: entire issue Jun '79

Patterns of Soviet involvement in a local war. Amnon Sella. RUSI J for Def Studies 124:53-56 Jun '79

SALT II: The path of security and peace. (Address, American Newspaper Publishers Assoc, New York, April 25, 1979) James E. Carter. AF Plcy Ltr for Comdrs: Sup No. 7:2-10 Jul '79

U.S. military power in the 1980s. (Presentation, Economic Club of Detroit, May 15, 1979) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 7:17-24 Jul '79

Who are those guys? Donald L. Clark. illus AU Rev 30:47-65 May-Jun '79

World hegemony through military superiority. Edgar Ulsamer. tabs AF Mag 62:40-47 Mar '79

History

Prelude to disaster. Eric J. Grove. illus Armor 88: 15-19 May-Jun '79

United States

The continuing complexities of technology transfer. Maurice J. Mountain. Govt Exec 11:42+ Jan '79

Defense budget shortages. LtGen Ira C. Eaker, Ret. AF Times 40:13-14 Aug 27 '79

Exploiting American vulnerabilities. James A. Nathan. illus Nav War Col Rev 32:39-50 Jul-Aug '79

Is there really a better way to win a war in Europe? Maj Charles W. Specht. AU Rev 31:74-77; Responses. William S. Lind. 31:77-79; Russell F. Weigley. 31:79-80; LtGen Raymond B. Furlong, Ret. 31:80-81 Nov-Dec '79

Military posture & national power. Gen David C. Jones. illus Command Plcy 2: entire issue Jun '79

Modernizing the force. (Presentation, Texas Air Force Assoc Convention, San Antonio, June 30, 1979) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No. 8:6-10 Aug '79

SALT II: The path of security and peace. (Address, American Newspaper Publishers Assoc, New York, April 25, 1979) James E. Carter. AF Plcy Ltr for Comdrs: Sup No. 7:2-10 Jul '79

U.S. military power in the 1980s. (Presentation, Economic Club of Detroit, May 15, 1979) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 7:17-24 Jul '79

MILITARY RESEARCH see Research and Development
also specific kinds of research, e. g.,
Space Research

MILITARY SEA TRANSPORTATION SERVICE see Military Sealift Command

MILITARY SEALIFT COMMAND

Defense transportation almanac: Facts and figures on military transportation. Regular feature in some issues of Defense Transportation Journal

The Military Sea-lift Command. John E. Moore. illus tab NATO's Fifteen Nations 24:36-37 Aug-Sep '79

The Navy's civilian ships. Larry C. Manning and Louis R. Granger. illus US Nav Inst Proc 105:49-55 Nov '79

A sea-going giant counts candles. RADM Bruce Keener III. illus Translog 10:2-6 Oct '79

MILITARY SERVICE, COMPULSORYSee also

National Service

Russia

In time of danger. Col P. Dmitriyev. Soviet Mil Rev No. 8:45-47 Aug '79

Military service and servicemen's rights. Col N. Vladimirovsky. illus Soviet Mil Rev No. 1:40-41 Jan '79

United States

Bring back the draft? The debate on Capitol Hill and what it means to the Guard. Capt Larry Light. illus Natl Guard 33:17-19 Jun '79

The citizen soldier and national service. Morris Janowitz. illus AU Rev 31:2-16 Nov-Dec '79

Draft agency (Selective Service System) needs Privacy Act waiver to meet call-up quotas. AF Times 39:2 Jan 1 '79

The draft and/or UNS: Two views. Col Robert D. Heintz, Jr., Ret and James D. Hessman. illus Sea Power 22:33-36 May '79

Draft doctors, surgeons general say. Richard C. Barnard. AF Times 39:4 Apr 2 '79

Draft legislation being introduced on Hill. Capt John T. Ritter II. Officer 55:18-19 Jun '79

Draft needed, Hill panels (House Armed Services Committee Subcommittee on Military Personnel and Senate Armed Services Committee Subcommittee on Manpower and Personnel) say. Suzanne Viau. AF Times 39:4 Mar 26 '79

The draft/UNS (Universal National Service) debate: A third option. James D. Hessman. illus Sea Power 22:35-36 Jun '79

The drift toward the draft. LtCol Henry J. Sage. illus US Nav Inst Proc 105:38-45 Jun '79

GAO leaning toward draft. AF Times 40:8 Sep 17 '79

Hill told draft can't meet demand. AF Times 39:3 Mar 5 '79

House votes down draft registration. AF Times 40:4 Sep 24 '79

Manpower for mobilization. Robert B. Pirie, Jr. illus Command Plcy 2: entire issue Oct '79

No registration: What is next? Col James H. Kuhn. illus Officer 55:10 Dec '79

MILITARY SERVICE, COMPULSORY - ContinuedUnited States - Cont'd

Public interest grows. Col Bruce Jacobs. illus Natl Guard 33:20-22+ Jun '79

Registration for draft promoted. AF Times 39:6 Feb 19 '79

Registration to return if 'standby' SSS fails. Interview. Robert B. Pirie, Jr. illus AF Times 40:8 Sep 3 '79

Toward a new draft. illus Def & For Aff Dig 7, No. 9: 36-37 '79

MILITARY SERVICE, VOLUNTARYUnited States

The all-volunteer Army: Hard facts and hard choices. Robin Beard. illus Strat Rev 7:42-46 Summer '79

Big 5-year all-vol boost. AF Times 40:3 Jul 30 '79

The citizen soldier and national service. Morris Janowitz. illus AU Rev 31:2-16 Nov-Dec '79

DOD conclusions on AVF detailed. AF Times 39:10 Jan 8 '79

DOD: Treat war casualties in CONUS (as an) alternative to Dr draft. AF Times 39:4 Jan 8 '79

The drift toward the draft. LtCol Henry J. Sage. illus US Nav Inst Proc 105:38-45 Jun '79

Employer support of the Guard and Reserve. James M. Roche. illus Def Mgt J 15:8-11 Jul-Aug '79

Five years of the all-volunteer force: 1973-1978. Morris Janowitz and Charles C. Moskos, Jr. tabs Armed Forces & Soc 5:171-218 Winter '79

Force shortages bad, but controllable. (Testimony before the House Armed Services Subcommittee on Military Personnel) Antonia Handler Chayes. illus AF Times 39:3-4 Mar 12 '79

Hill slights sociologist's (Charles C. Moskos, Jr) all-vol ideas. AF Times 39:8 Feb 26 '79

Improvements to all-volunteer force. MarCor Gaz 63:8 Apr '79

Manpower for mobilization. Robert B. Pirie, Jr. illus Command Plcy 2: entire issue Oct '79

Military manpower crisis. LtGen Ira C. Eaker, Ret. AF Times 39:13-14 Jul 23 '79

Pirie on the Hill: All-vol woes--quirk or trend? Robert B. Pirie, Jr. AF Times 39:2 Mar 5 '79

A smaller Army? Adapting to the all-volunteer situation. Col William L. Hauser. illus Parameters 9: 2-7 Sep '79

Volunteer forces and superpower status. Gen T.R. Milton, Ret. AF Mag 62:51 May '79

What's ahead in the 80's--some projections for the all-volunteer Armed Forces. Joseph Ober. tabs Review 58:28-31 Nov-Dec '79

Where have all the soldiers gone? Bob Gatty. illus Army 29:28-29 Nov '79

MILITARY SERVICE, VOLUNTARY - ContinuedUnited States - Cont'd

Will service excuse college loans? AF Times 40:6 Nov 19 '79

History

The all-volunteer force in 1798. LT Daniel N. Wood. illus US Nav Inst Proc 105:45-48 Jun '79

MILITARY SERVICE AS A PROFESSIONSee also

Career Program

The Air Force--job or profession? Gen B.L. Davis. TIG Brief 31:1-2 Sep 7 '79; AF Plcy Ltr for Comdrs: Sup No. 11:25 Nov '79

Avoiding an ethical Armageddon. Maj Allan J. Futernick. illus Mil Rev 59:17-23 Feb '79

The demand for able professionals. (Excerpts from remarks, Pease AFB chapter, Air Force Assoc, Pease AFB, NH, Jan 13, 1979) LtGen B.L. Davis. AF Plcy Ltr for Comdrs: Sup No. 3:34-40 Mar '79

Dissent and the soldier. Gen T.R. Milton, Ret. illus Strat Rev 7:15-22 Spring '79

Education and military commitment. Oscar Grusky. tabs Armed Forces & Soc 6:132-147 Fall '79

The indispensable resource. (Presentation, Air Force Sergeants Assoc Division 1 Convention, Wakefield, MA, May 26, 1979) LtGen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup No. 7:26-30 Jul '79

(LtGen B.L.) Davis foresees stable force, more hikes. illus AF Times 39:21 Jan 29 '79

Military ethics in the United States: Closing the gap between civilian and military. Paul R. Schratz and Francis X. Winters. Nav War Col Rev 32:102-109 Sep-Oct '79

Military experience and foreign policy belief systems. Samuel A. Kirkpatrick and James L. Regens. tabs J Pol & Mil Sociol 6:29-47 Spring '78

Progressivism, professionalism, and reform. Capt Andrew J. Bacevich, Jr. illus Parameters 9:66-71 Mar '79

Self-selection and career orientation among enlisted U.S. Army paratroopers: A research note. William C. Cockerham. tabs J Pol & Mil Sociol 6: 249-259 Fall '78

Should a wife be considered in her husband's ratings? No. Elizabeth S. Wallace. illus AF Times, Times Magazine sup:15-16 Feb 5 '79

Should a wife be considered in her husband's ratings? Yes. Col William J. Taylor, Jr. illus AF Times, Times Magazine sup:14+ Feb 5 '79

Thinking as Air Force leaders. (Presentation, Air Force Assoc National Convention, Washington, Sep 17, 1979) MajGen H.A. Morris. AF Plcy Ltr for Comdrs: Sup No. 12:20-26 Dec '79

(U.S. Air Force) (Keynote address, AFA National Convention, Washington, Sep 17, 1979) Capt Kathy LaSauce-Arlington. AF Plcy Ltr for Comdrs: Sup No. 11:26-32 Nov '79

MILITARY SERVICE AS A PROFESSION - Continued

What the Air Force means to me. (Presentation, Utah Air Force Assoc, April 20, 1979) MajGen L.M. Killpack. AF Plcy Ltr for Comdrs: Sup No. 6: 24-29 Jun '79

MILITARY TRAFFIC MANAGEMENT AND TERMINAL SERVICE see Military Traffic Management CommandMILITARY TRAFFIC MANAGEMENT COMMAND

Affirmative action in transportation. Debbie Hower-ton. illus Translog 10:1-3 Mar '79

The Carrier Evaluation and Reporting System: A positive incentive for quality. Mark J.O'Konski. illus Translog 10:3-5 Feb '79

Defense transportation almanac: Facts and figures on military transportation. Regular feature in some issues of Defense Transportation Journal

MTMC honors traffic managers (at NDTA Forum and Exposition, Salt Lake City, Sep 17, 1979). illus Translog 10:6-7 Sep '79

MTMC summarizes (car) rental discounts. tab Trans-log 10:15 Aug '79

Railroads for national defense. Howard Duke Niebur. illus Translog 10:7-8 Oct '79

"There'll always be an England." Robert F. Waldman. illus Translog 10:3-5 May '79

MILITARY UNIONS

See also
Labor Unions

Armed Forces and unionisation. LtCol G. Glaister. RUSI J for Def Studies 124:61-66 Jun '79

The military and unionization. LtGen Ira C. Eaker. Ret. AF Times 39:13-14 Jun 11 '79

Service trade unions in Europe and the United Kingdom. Simon Baynham and Alan Ward. illus tab Army Qtr 108:319-334 Jul '78

Trade unions in the Armed Forces: A European view. (Seminar, RUSI, May 24, 1978) tabs RUSI J for Def Studies 123:60-62+ Dec '78

Unions and the Armed Forces. Maj K.G.F. Dann. RUSI J for Def Studies 124:72-74 Mar '79

MILLER, George H.

Needed: An emergency shipbuilding program. RADM George H. Miller. Ret. Sea Power 22:28-32 Jul '79

MILLER, George W., III

Financial analysis and DOD contractors. BrigGen George William Miller III. por Armed Forces Compt 24:4-7 Feb '79

MILLER, Thomas H., Jr

Marine Aviation 1979: Battling for the best air support possible for the guy on the ground. Interview. LtGen Thomas H. Miller, Jr. por MarCor Gaz 63: 50-57 May '79

MILLIMETER WAVES

Exploring microwave technologies @ 30-300 GHz. Bill Walsh. illus tabs Mil Elect/Countermeasures 5: 82+ Oct '79

Millimetre waves--the much-awaited technological breakthrough? Gowri S. Sundaram. illus tabs Intl Def Rev 12, No. 2:271-277 '79

MILTON, Theodore R.

The Air Force Academy: A fine twenty-five years. Gen T.R. Milton. Ret. AF Mag 62:34-40 Apr '79

The brigade that backfired. Gen T.R. Milton. Ret. AF Mag 62:91 Nov '79

Dissent and the soldier. Gen T.R. Milton. Ret. por Strat Rev 7:15-22 Spring '79

'Don't start anything.' Gen T.R. Milton. Ret. AF Mag 62:60 Oct '79

From the airlift to Vietnam & beyond. (Address, 8th Military History Symposium, "Air Power and Warfare," Air Force Academy, Oct 1978) Gen T.R. Milton. Ret. AF Mag 62:38-43 Feb '79

The limitations of alliances. Gen T.R. Milton. Ret. AF Mag 62:53 Apr '79

Modernizing the means of mobility. Gen T.R. Milton. Ret. AF Mag 62:86 Jun '79

Obligations and uncertainties in the Mediterranean. Gen T.R. Milton. Ret. AF Mag 62:58-63 Sep '79

Paris Air Show. Gen T.R. Milton. AF Mag 62:106 Aug '79

Reflections from a Red Flag. Gen T.R. Milton. Ret. AF Mag 62:51-55 Jan '79

A strategy--or a capacity for revenge? Gen T.R. Milton. Ret. AF Mag 62:33 Jul '79

Taiwan, self-determination, and human rights. Gen T.R. Milton. Ret. AF Mag 62:128 Mar '79

The U.S. stake in Southeast Asia. Gen T.R. Milton. Ret. AF Mag 62:56 Dec '79

Volunteer forces and superpower status. Gen T.R. Milton. Ret. AF Mag 62:51 May '79

MINE DETECTION AND DETECTORS

Breakthrough in detecting land mines. illus MarCor Gaz 63:7 Jul '79

Combat engineering equipment for the 1980's. Col Bernard C. Hughes. illus tab Mil Engr 71:406-410 Nov-Dec '79

Finding and clearing mines. Maj Ronald N. Williams. illus Armor 88:12-16 Nov-Dec '79

The German Navy's mine warfare forces. Udo Philipp. illus tab Intl Def Rev 12, No. 2:219-224 '79

Mine countermeasures: The British go it alone (again). Comdr M.G.M. W. Ellis. illus tab US Nav Inst Proc 105:102-105 Jul '79

The Royal Navy's new mine countermeasures vessel. R.B. Pengelley. illus tab Intl Def Rev 12, No. 1: 83-88 '79

MINE WARFARE

The German Navy's mine warfare forces. Udo Philipp. illus tab Intl Def Rev 12, No.2:219-224 '79

Mines: Cost-effective defense. (Interview with Francesco Rena and Umberto Rovida) Ezio Bonsignore. Def & For Aff Dig 7, No. 1:42-43 '79

The U.S. Navy: Mine countermeasures. Norman Polmar. illus US Nav Inst Proc 105:117-119 Feb '79

U.S. Navy mine warfare; small but not forgotten. F. Clifton Berry, Jr. illus tab Armed Forces J Intl 117:38-39+ Oct '79

MINERALS

See also
Ocean Mining

African minerals and American policy. Maj A.D. Ackels. tab illus Parameters 8:47-54 Dec '78

The geopolitics of non-energy minerals. David J. Kroft. illus tabs AF Mag 62:76-80 Jun '79

Minerals: Key to Soviet current strategies? Michael Morgan. illus Def & For Aff Dig 7, No.12:17-20 '79

The strategic dependence of the industrial world. Phillip Crowson. illus tabs NATO's Fifteen Nations 24:32-33+ Jun-Jul '79

MINES AND MINE-LAYING

Artillery scatterable mines. Maj Bohdan Prehar. illus tabs Fld Arty J 47:8-11 Sep-Oct '79

The case against tank-delivered scatterable mines. Maj Glenn F. Rogers, Jr. illus tabs Mil Rev 59: 11-21 Dec '79

Engineer capabilities of the Soviet and Warsaw Pact Armies. James E. Deaton. illus Mil Engr 71:416-423 Nov-Dec '79

Mines: Cost-effective defense. (Interview with Francesco Rena and Umberto Rovida) Ezio Bonsignore. Def & For Aff Dig 7, No. 1:42-43 '79

Scatterable mines: Superweapon? Peter W. McDavitt. illus tabs Natl Def 64:33-37 Sep-Oct '79

The U.S. Navy: Mine countermeasures. Norman Polmar. illus US Nav Inst Proc 105:117-119 Feb '79

MINESWEEPERS AND MINESWEEPING

An advanced technology minehunter from Italy. Michael S.K. Trimming. illus tabs Intl Def Rev 12, No.2:215-218 '79

Combat engineering equipment for the 1980's. Col Bernard C. Hughes. illus tab Mil Engr 71:406-410 Nov-Dec '79

GRP sandwich: A new shipbuilding material from Sweden. R. J. L. Dicker. illus Intl Def Rev 12, No.2:213-214 '79

The German Navy's mine warfare forces. Udo Philipp. illus tab Intl Def Rev 12, No.2:219-224 '79

Mine countermeasures: The British go it alone (again). Comdr M. G. M. W. Ellis. illus tab US Nav Inst Proc 105:102-105 Jul '79

MINESWEEPERS AND MINESWEEPING - Continued

Mine countermeasures vessels. John Marriott. illus tab NATO's Fifteen Nations 23:131+ Special Issue '78

The Royal Navy's new mine countermeasures vessel. R. B. Pengelley. illus tab Intl Def Rev 12, No. 1: 83-88 '79

The U.S. Navy: Mine countermeasures. Norman Polmar. illus US Nav Inst Proc 105:117-119 Feb '79

MINING, OCEAN see Ocean Mining

MINORITIES

See also
Race Relations
also specific groups, e.g.,
American Indians
Blacks in the Armed Forces

Above and beyond the call of duty. Philip del Campo. illus MarCor Gaz 63:20+ Nov '79

Affirmative action in transportation. Debbie Hower-ton. illus Translog 10:1-3 Mar '79

Black unemployment: A new perspective. Col Samuel L. Eure. illus Parameters 9:56-63 Jun '79

Disadvantaged firms: Good, bad, ugly and the dollars. (A critique of small business contracting) Jean M. Skorupski. Govt Exec 11:14+ Jan '79

Equal employment opportunity civil suits: An analysis of their impact. LtCol George M. Nakano. AF Law Rev 20, No.2:119-161 '78

Happy birthday, Josie. (Former Cuban, AIC Fernandez, celebrates her American citizenship day as well as her birthday) Capt Katie Cutler. illus Airman 23:37-40 Jul '79

The influence of military service on the civilian earnings patterns of Blacks, Mexican Americans, and Anglos. Dudley L. Poston, Jr. tabs J Pol & Mil Sociol 7:71-88 Spring '79

The minority cadet: A particular communication skills challenge. Gregory Lanta Baker. illus Educ J 21:26-29 '78/'79

Russia's growing minorities problem. Harriet Fast Scott. map tabs AF Mag 62:62-66 Oct '79

Spanish Americans' search for political representation: The 1975 aldermanic election in Chicago. Luis M. Salces. tabs J Pol & Mil Sociol 6:175-187 Fall '78

MISSILE BASES

See also
Missile Sites

MISSILE COMBAT COMPETITIONS

Minuteman competitors (in Olympic Arena '79). illus Combat Crew 29:6-9+ Apr '79

Olympic Arena '79: A command tradition. illus Combat Crew 29:4-5 Apr '79

Olympic Arena trophies handed out. illus AF Times 39:12 May 21 '79

MISSILE COMBAT COMPETITIONS - Continued

Wings in competition ... Titan competitors (in Olympic Arena '79). illus Combat Crew 29:12-15 Apr '79

Year of the Titan. (Olympic Arena '79) illus Combat Crew 29:8-9+ Jun '79

MISSILE CREWSSee also

Missile Training

Are you a cookbook crew? Capt Julius F.Sanks. Combat Crew 29:14-15 Feb '79

Firing officer's tactical skill. LtCol G.Vladimirov. illus Soviet Mil Rev No.6:14-15 Jun '79

Job enrichment for Titan II crew duty. Col Joe L. Church. illus Combat Crew 29:18-19 Oct '79

Minuteman competitors (in Olympic Arena '79). illus Combat Crew 29:6-9+ Apr '79

Olympic Arena trophies handed out. illus AF Times 39:12 May 21 '79

Wings in competition ... Titan competitors (in Olympic Arena '79). illus Combat Crew 29:12-15 Apr '79

MISSILE DEFENSE

The 32d AADCOM: Air defense in Europe--a cooperative effort. illus Air Def Mag, pp 6-10, Jul-Sep '79

Ballistic missile defense into the eighties. William A.Davis, Jr. illus Natl Def 64:55-63 Sep-Oct '79

MX development approved. Ramon Lopez. illus tab Intl Def Rev 12, No.6:880-881 '79

MX missile basing plans detailed. illus Intl Def Rev 12, No.8:1284-1285 '79

MX mobile basing. William J.Perry. illus Command Plcy 2:8-12 Nov '79

More arithmetic of deterrence: Throw weight, radioactivity and limited nuclear war. Ian Bellany. RUSI J for Def Studies 124:35-38 Jun '79

Opportunities and imperatives of ballistic missile defense. Malcolm Wallop. illus Strat Rev 7:13-21 Fall '79

Pershing II go-ahead. Intl Def Rev 12, No.3:315 '79

Red presence in Cuba: The genesis of a crisis. Justin F.Gleichauf. illus Army 29:34-38 Nov '79

SALT II and NATO Europe: An interview with the UK Secretary of Defence (Francis Pym). R.D.M. Furlong. Intl Def Rev 12, No.8:1286 '79

Soviet ASW--highly capable or irrelevant? Norman Polmar. illus tabs Intl Def Rev 12, No.5:721-729 '79

U.S. strategic weapons developments and the implications of SALT. illus Intl Def Rev 12, No.3:367-371 '79

Equipment

AN/TSQ-73 Missile Minder. Sgt1C Charles D.Myers. illus Air Def Mag, pp 36-38, Apr-Jun '79

MISSILE DEFENSE - ContinuedStudy and Teaching

AGES (Air Ground Engagement Simulation)--realistic training for air defenders. Donald E. Erwin and Earl S.Stein. illus tabs Air Def Mag, pp 11-16, Jul-Sep '79

MISSILE INDUSTRY AND TRADEInternational Aspects

The "A"s in AMRAAM (Advanced Medium Range Air-to-Air Missile). Murry Shohat. illus Mil Elect/Countermeasures 5:44 Jan '79

NATO Sea Sparrow. Jeffrey A.Krukin. illus Natl Def 63:38-40 Jan-Feb '79

Pentagon endorses Family of Weapons concept. Rudi Meller. illus tab Intl Def Rev 12, No.5:702-703 '79

MISSILE MAINTENANCE

Minuteman competitors (in Olympic Arena '79). illus Combat Crew 29:6-9+ Apr '79

Wings in competition ... Titan competitors (in Olympic Arena '79). illus Combat Crew 29:12-15 Apr '79

Study and Teaching

MOS 68J: Missile Systems Repair course. SP4 Kathy Allison. illus USA Avn Dig 25:6-8 Feb '79

Missiles and munitions (training at Redstone Arsenal). SP4 Larry Paul. illus Soldiers 34:51-53 Jul '79

MISSILE SITES

Solid as Rock. (Residents of Rock, KS, give aid and support to the AF when missile silo accident occurs) MSgt Dave Sheeder. illus Airman 23:31-35 May '79

Stakeout at Alpha 5. (SAC uses 'camper alert teams' to maintain surveillance at missile sites) Capt Dick Sheffield. illus Airman 23:2-6 Dec '79

MISSILE TRAINING

The 38th Air Defense Artillery Brigade. Capt Robert W.Taylor. illus Air Def Mag, pp 8-11, Oct-Dec '79

Air defense missile training. illus Mil Rev 59:85 Dec '79

Airborne procedures trainer. Capt Jim Boensch. illus Combat Crew 29:14-15 Dec '79

Are you a cookbook crew? Capt Julius F.Sanks. Combat Crew 29:14-15 Feb '79

Joint training--an investment in the future. 1stLt William F.Fellows. illus Air Def Mag, pp 25-27, Jul-Sep '79

Kuwait Hawk collective training. Maj Joe C.Gonzales. illus map Air Def Mag, pp 30-34, Apr-Jun '79

Missile officer's professional training. LtCol L. Makhla. illus Soviet Mil Rev No.3:26-27 Mar '79

Missiles and munitions (training at Redstone Arsenal). SP4 Larry Paul. illus Soldiers 34:51-53 Jul '79

MISSILE TRAINING - ContinuedMethodology

Air Defense Artillery (ADA) training developments.
LtCol Richard B. Wessling, Jr. illus tabs Air Def
Mag, pp 12-19, Oct-Dec '79

MISSILE TYPESee also

Missiles

ALCM

The ALCM decathlon. Maj Charles G. Tucker. illus
tab AF Mag 62:67-71 Jun '79

Air-launched cruise missile competition approaching
decision. illus Def Elect 11:65+ Oct '79

Cruise missile developments in the aftermath of
SALT II. F. Clifton Berry, Jr. illus Interavia 34:
760-764 Aug '79

Griffiss (AFB, NY) 1st to get cruise missile. AF
Times 39:71 May 28 '79

The Joint Cruise Missiles Project. (Presentation,
Aviation/Space Writers Assoc, Houston, TX,
April 9, 1979) RADM Walter M. Locke. AF Plcy
Ltr for Comdrs: Sup No. 6:19-23 Jun '79

Prospects for the manned bomber--high noon or sun-
set? LtCol Edd D. Wheeler. illus AU Rev 30:2-15
Jan-Feb '79

History

The ALCM decathlon. Maj Charles G. Tucker. illus
tab AF Mag 62:67-71 Jun '79

AMRAAM

The "A"s in AMRAAM (Advanced Medium Range Air-
to-Air Missile). Murry Shohat. illus Mil Elect/
Countermeasures 5:44 Jan '79

(Advanced Medium-Range Air-to-Air Missile--
AMRAAM to replace Sparrow) illus Signal 33:78
Apr '79

Armament: The business end of the Air Force. Edgar
Ulsamer. illus AF Mag 62:40-46 Dec '79

ASMS

See Aegis

Advanced Surface Missile System

See Aegis

Aegis

DDG-47: Aegis on its way to sea. CDR Todd Blades,
Ret. illus US Nav Inst Proc 105:101-106 Jan '79

Shipboard voice communications being upgraded with
integrated system. illus Def Elect 11:46-48+
Jul '79

USS Norton Sound: The newest old ship. Norman Pol-
mar. illus tabs US Nav Inst Proc 105:70-83
Apr '79

Chaparral

Employment of divisional Chaparral/Vulcan now.
1stLt Walter P. Schaefer. illus Air Def Mag,
pp 28-29, Jul-Sep '79

MISSILE TYPE - ContinuedDragon

Put Dragons in the offense. 2dLt David J. Hallman.
MarCor Gaz 63:24-25 Dec '79

GLCM

Cruise missile developments in the aftermath of
SALT II. F. Clifton Berry, Jr. illus Interavia 34:
760-764 Aug '79

The Joint Cruise Missiles Project. (Presentation,
Aviation/Space Writers Assoc, Houston, TX,
April 9, 1979) RADM Walter M. Locke. AF Plcy
Ltr for Comdrs: Sup No. 6:19-23 Jun '79

Harpoon

Controlling Harpoon missile launches. Robert E.
Fielding and Ralph L. Boehm. illus Def Elect 11:
40-42+ Jul '79

The cruise missile: An offensive alternative. CDR
Ronald D. Tucker. illus US Nav Inst Proc 105:111-
114 Jan '79

Hawk

The 38th Air Defense Artillery Brigade. Capt Robert
W. Taylor. illus Air Def Mag, pp 8-11, Oct-Dec '79

Deployment of Improved Hawk in a triad configuration.
Capt Lafayette Trice, Jr. illus Air Def Mag,
pp 22-24, Jul-Sep '79

Overhauling the Hawk. illus Army Log 11:24-25
Jul-Aug '79

Reporting missile readiness. William C. Wall, Jr
and LtCol Raymond R. Ross II. illus Army Log 11:
26-30 Jul-Aug '79

Study and Teaching

Kuwait IHawk collective training. Maj Joe C. Gon-
zales. illus map Air Def Mag, pp 30-34, Apr-
Jun '79

Lance

Lance and the hand-held calculator. Sgt1C Shelton
Alsop. illus Fld Arty J 47:48-49 May-Jun '79

Lance tactical concepts: Positioning and movement.
Maj Robert H. Kimball. illus Fld Arty J 47:39-43
Jul-Aug '79

MX

AF to ask for views on MX deployment. AF Times
40:7 Dec 10 '79

The challenge of M-X. LtGen Thomas P. Stafford.
illus Signal 34:8-12 Sep '79

Decision on deploying MX missile expected soon. Len
Famiglietti. AF Times 39:1+ Jun 25 '79

The infinite silo. Norman Polmar. illus Sea Power
22:17-21 Mar '79

The MX and SALT II. Interavia 34:730 Aug '79

The MX and strategic deterrence in the 1980s. G.K.
Burke. illus tabs AU Rev 30:28-38 May-Jun '79

MISSILE TYPE - ContinuedMX - Cont'd

The MX and the environment. (Presentation, Subcommittee on Public Lands of the House Committee on Interior and Insular Affairs, Washington, Oct 2, 1979) Edward A. Miller, Jr. AF Plcy Ltr for Comdrs: Sup No. 12:8-12 Dec '79

MX development approved. Ramon Lopez. illus tab Intl Def Rev 12, No. 6:880-881 '79

MX fiasco: Will it legislate a new market? Harry F. Eustace. Elect Warfare/Def Elect 11:33 Apr '79

The MX ICBM: Why we need it. Colin S. Gray. AF Mag 62:66-68+ Aug '79

MX launcher to weigh 350 tons. illus tab AF Times 40:28 Oct 1 '79

MX missile basing plans detailed. illus Intl Def Rev 12, No. 8:1284-1285 '79

The MX missile decision. LtGen Ira C. Eaker, Ret. AF Times 39:13-14 Jul 9 '79

MX missile mobile basing system. illus Interavia 34: 1006-1008 Nov '79

MX mobile basing. William J. Perry. illus Command Plcy 2:8-12 Nov '79

MX mobile concept: 50,000 people. Len Famiglietti. map AF Times 39:4 Mar 5 '79

MX: The missile we don't need. illus tabs Def Monitor 8: entire issue Oct '79

New lease of life for AMST? Interavia 34:373-374 May '79

The new MX ICBM. (Presentation, Subcommittee on Public Lands of the House Committee on Interior and Insular Affairs, Washington, Oct 2, 1979) BrigGen Guy L. Hecker, Jr. AF Plcy Ltr for Comdrs: Sup No. 12:2-5 Dec '79

Secret M-X data printed on one page of Senate report, deleted on another. Benjamin F. Schemmer. Armed Forces J Intl 116:16 Jul '79

Submarines, bombers to deter Soviets. illus AF Times 40:24 Sep 24 '79

Minuteman

Are you a cookbook crew? Capt Julius F. Sanks. Combat Crew 29:14-15 Feb '79

Minuteman competitors (in Olympic Arena '79). illus Combat Crew 29:6-9+ Apr '79

Patriot

(Patriot missile--Army's new air defense system) Signal 33:148 Jan '79

Study and Teaching

Air defense missile training. illus Mil Rev 59:85 Dec '79

Pershing

Pershing II: First step in NATO theatre nuclear force modernization? F. Clifton Berry, Jr. illus tabs Intl Def Rev 12, No. 8:1303-1308 '79

MISSILE TYPE - ContinuedPershing - Cont'd

Pershing II go-ahead. Intl Def Rev 12, No. 3:315 '79

Redeye

Stinger: A new dimension for air defense. Capt Douglas E. Warren. illus Air Def Mag, pp 33-36, Jan-Mar '79

Roland

Rapier buy, Roland cut? illus Armed Forces J Intl 117:10+ Sep '79

Roland launched. illus Mil Rev 59:76 Sep '79

SAM-D

See Patriot

SLCM

The cruise missile: An offensive alternative. CDR Ronald D. Tucker. illus US Nav Inst Proc 105:111-114 Jan '79

Cruise missile developments in the aftermath of SALT II. F. Clifton Berry, Jr. illus Interavia 34: 760-764 Aug '79

The Joint Cruise Missiles Project. (Presentation, Aviation/Space Writers Assoc, Houston, TX, April 9, 1979) RADM Walter M. Locke. AF Plcy Ltr for Comdrs: Sup No. 6:19-23 Jun '79

SRAM

Bullet Blitz 6. Capt Bill Craig. map illus Combat Crew 29:8-9+ Sep '79

\$\$ would aid SRAM skills. AF Times 39:36 Mar 5 '79

SRAM programming. Capt George J. Ferren. illus Navigator 26:16-18 Winter '79

Stinger

Stinger: A new dimension for air defense. Capt Douglas E. Warren. illus Air Def Mag, pp 33-36, Jan-Mar '79

TOW

Cobra program position report. Col Jay W. Pershing. illus tab USA Avn Dig 25:2-4 Oct '79

Sighting the TOW. illus Mil Rev 59:82 Dec '79

TOW missiles fired from AH-1T Cobra. SSgt Cal Openshaw. illus MarCor Gaz 63:4 May '79

The tank killers. Sgt R. T. Edwards. illus Army 29: 28-31 Feb '79

Titan

Job enrichment for Titan II crew duty. Col Joe L. Church. illus Combat Crew 29:18-19 Oct '79

Solid as Rock. (Residents of Rock, KS, give aid and support to the AF when missile silo accident occurs) MSgt Dave Sheeder. illus Airman 23:31-35 May '79

MISSILE TYPE - ContinuedTitan - Cont'd

Wings in competition ... Titan competitors (in Olympic Arena '79). illus Combat Crew 29:12-15 Apr '79

Year of the Titan. (Olympic Arena '79) illus Combat Crew 29:8-9+ Jun '79

See SLCM Tomahawk

Trident

Building the Tridents' home (Naval Submarine Base Bangor, WA). Jim Davis. illus US Nav Inst Proc 105:62-73 Mar '79

First Trident sub launched. Armed Forces J Intl 116:14 May '79

To build Trident. Gerard Keith Burke. illus US Nav Inst Proc 105:117-120 Oct '79

MISSILE UNITSUnited States

Deployment of Improved Hawk in a triad configuration. Capt Lafayette Trice, Jr. illus Air Def Mag, pp 22-24, Jul-Sep '79

Minuteman competitors (in Olympic Arena '79). illus Combat Crew 29:6-9+ Apr '79

Olympic Arena trophies handed out. illus AF Times 39:12 May 21 '79

Wings in competition ... Titan competitors (in Olympic Arena '79). illus Combat Crew 29:12-15 Apr '79

Year of the Titan. (Olympic Arena '79) illus Combat Crew 29:8-9+ Jun '79

MISSILESSee alsoRockets

The missile tables. Tables only. Def & For Aff Dig pt 1, 7, No.3:18-21+ '79; pt 2, 7, No.4:32 '79

SAMSO and the future strategic deterrent. Hans Mark. illus AF Mag 62:39-43 Aug '79

Basing

AF to ask for views on MX deployment. AF Times 40:7 Dec 10 '79

The case for the SLBM force. Paul A. Chadwell. illus Natl Def 64:46-47+ Jul-Aug '79

The infinite silo. Norman Polmar. illus Sea Power 22:17-21 Mar '79

The MX and the environment. (Presentation, Subcommittee on Public Lands of the House Committee on Interior and Insular Affairs, Washington, Oct 2, 1979) Edward A. Miller, Jr. AF Plcy Ltr for Comdrs: Sup No.12:8-12 Dec '79

MX development approved. Ramon Lopez. illus tab Intl Def Rev 12, No.6:880-881 '79

MX missile basing plans detailed. illus Intl Def Rev 12, No.8:1284-1285 '79

MISSILES - ContinuedBasing- Cont'd

MX missile mobile basing system. illus Interavia 34: 1006-1008 Nov '79

MX mobile basing. William J. Perry. illus Command Plcy 2:8-12 Nov '79

MX: The missile we don't need. illus tabs Def Monitor 8: entire issue Oct '79

The new MX ICBM. (Presentation, Subcommittee on Public Lands of the House Committee on Interior and Insular Affairs, Washington, Oct 2, 1979) BrigGen Guy L. Hecker, Jr. AF Plcy Ltr for Comdrs: Sup No.12:2-5 Dec '79

Pershing II: First step in NATO theatre nuclear force modernization? F. Clifton Berry, Jr. illus tabs Intl Def Rev 12, No.8:1303-1308 '79

Preserving the ICBM leg of the triad. Paul H. Nitze. tabs Natl Def 64:30-34+ Jul-Aug '79

Characteristics

The ALCM decathlon. Maj Charles G. Tucker. illus tab AF Mag 62:67-71 Jun '79

Gallery of Soviet aerospace weapons: Airborne tactical and defence missiles. illus AF Mag 62:113 Mar '79

Gallery of Soviet aerospace weapons: Strategic missiles. illus AF Mag 62:111-113 Mar '79

Gallery of Soviet aerospace weapons: Surface-to-air missiles. illus AF Mag 62:114 Mar '79

Gallery of USAF weapons: Airborne tactical and defence missiles. illus AF Mag 62:128+ May '79

Gallery of USAF weapons: Strategic missiles. illus AF Mag 62:127-128 May '79

Jane's All the World's Aircraft Supplement. Regular feature in issues of Aerospace International; some issues of Air Force Magazine

The missile tables. Tables only. Def & For Aff Dig pt 1, 7, No.3:18-21+ '79; pt 2, 7, No.4:32 '79

Pershing II: First step in NATO theatre nuclear force modernization? F. Clifton Berry, Jr. illus tabs Intl Def Rev 12, No.8:1303-1308 '79

SS-20 multiplies USSR's nuclear superiority. Hubertus Hoffman. illus tab NATO's Fifteen Nations 23:42-44+ Dec '78-Jan '79

Components

Wires, cables, and harnesses. TIG Brief 31:6 Aug 3 '79

Countermeasures

See Missile Defense

Dispersal

MX development approved. Ramon Lopez. illus tab Intl Def Rev 12, No.6:880-881 '79

MX mobile basing. William J. Perry. illus Command Plcy 2:8-12 Nov '79

MISSILES - ContinuedDispersal - Cont'd

The new MX ICBM. (Presentation, Subcommittee on Public Lands of the House Committee on Interior and Insular Affairs, Washington, Oct 2, 1979)
BrigGen Guy L. Hecker, Jr. AF Plcy Ltr for Comdrs: Sup No. 12:2-5 Dec '79

Fuels

See Propellants

Guidance and Control

GPS (Global Positioning System) guidance uses satellites. illus Signal 34:82 Nov-Dec '79

History

SAMSO and the future strategic deterrent. Hans Mark. illus AF Mag 62:39-43 Aug '79

Launching

Bullet Blitz 6. Capt Bill Craig. map illus Combat Crew 29:8-9+ Sep '79

Controlling Harpoon missile launches. Robert E. Fielding and Ralph L. Boehm. illus Def Elect 11: 40-42+ Jul '79

MX launcher to weigh 350 tons. illus tab AF Times 40:28 Oct 1 '79

Nuclear safety unauthorized launch studies. TIG Brief 31:15 Mar 9 '79

Maintenance and Repair
See Missile Maintenance

Safety Measures

Low supervisory experience: A missile safety concern. TIG Brief 31:20 Oct 19 '79

Missiles can be 'corkers' too. TIG Brief 31:19-20 Aug 3 '79

Warheads

Pershing II: First step in NATO theatre nuclear force modernization? F. Clifton Berry, Jr. illus tabs Intl Def Rev 12, No. 8:1303-1308 '79

Strategic implications of enhanced radiation weapons--a preliminary analysis. Donald M. Snow. illus AU Rev 30:2-16 Jul-Aug '79

China (People's Republic)

P.R.C. submarine-launched ballistic missile development. LCDR Bradley Hahn, Ret. illus tabs US Nav Inst Proc 105:132-135 Oct '79

Great Britain

Rapier buy, Roland cut? illus Armed Forces J Intl 117:10+ Sep '79

The Sky Flash air-to-air missile. illus tab Intl Def Rev 12, No. 6:951-954 '79

NATO

The "A"s in AMRAAM (Advanced Medium Range Air-to-Air Missile). Murry Shohat. illus Mil Elect/Countermeasures 5:44 Jan '79

MISSILES - ContinuedNATO - Cont'd

Missiles in NATO navies. John E. Moore. illus NATO's Fifteen Nations 23:136+ Special Issue '78

NATO Sea Sparrow. Jeffrey A. Krukin. illus Natl Def 63:38-40 Jan-Feb '79

Russia

Antitank guided missiles. Col N. Kharitonov. illus Soviet Mil Rev No. 12:34-36 Dec '79

Assault Breaker: A plethora of options. illus Def & For Aff Dig 7, No. 11:38-39 '79

The future of France's force de dissuasion. Gen Pierre M. Gallois, Ret. illus Strat Rev 7:34-41 Summer '79

Gallery of Soviet aerospace weapons: Airborne tactical and defence missiles. illus AF Mag 62:113 Mar '79

Gallery of Soviet aerospace weapons: Strategic missiles. illus AF Mag 62:111-113 Mar '79

Gallery of Soviet aerospace weapons: Surface-to-air missiles. illus AF Mag 62:114 Mar '79

The obsolete ICBM. Def Monitor 8: entire issue Apr '79

Principal U.S. and Soviet aerospace systems. Table only. AF Mag 62:98 Mar '79

SALT II "loopholes." Jake Garn. Natl Def 64:38-39+ Sep-Oct '79

SALT and the emerging strategic threat. Peter Hughes. illus tab AF Mag 62:48-53 Mar '79

SALT and the Navy. LT James L. George, Ret. illus tabs US Nav Inst Proc 105:28-37 Jun '79

SS-20 multiplies USSR's nuclear superiority. Hubertus Hoffman. illus tab NATO's Fifteen Nations 23:42-44+ Dec '78-Jan '79

SS-N-14: A third round. Norman Friedman. illus US Nav Inst Proc 105:110-114 Jun '79

SS-N-14: Another look. Ezio Bonsignore. illus US Nav Inst Proc 105:102-106 Apr '79

The Soviet approach to naval warfare. CAPT William J. Ruhe, Ret. illus Natl Def 63:50-51+ May-Jun '79

USAF objective: To maintain a credible force. LtGen Thomas P. Stafford. AF Plcy Ltr for Comdrs: Sup No. 12:15-22 Dec '78

Verification and the ICBM shell-game. Stephen M. Meyer. Intl Sec 4:40-68 Fall '79

United States

See also
Missile Type

AFA: ICBM force No. 1 priority. AF Times 40:23 Oct 8 '79

Army/Navy guided projectiles: A joint program that works. CAPT J. D. Micell. Def Sys Mgt Rev 2: 46-49 Spring '79

MISSILES - ContinuedUnited States - Cont'd

Ballistic missile defense into the eighties. William A. Davis, Jr. illus Natl Def 64:55-63 Sep-Oct '79

'Countervailing strategy.' Edgar Ulsamer. illus AF Mag 62:54-59 Apr '79

Cruise missile developments in the aftermath of SALT II. F. Clifton Berry, Jr. illus Interavia 34: 760-764 Aug '79

Cruise missile takes shape. (Interview with Leonard F. Buchanan) illus Def & For Aff Dig 7, No. 7: 30-31 '79

The Joint Cruise Missiles Project. (Presentation, Aviation/Space Writers Assoc, Houston, TX, April 9, 1979) RADM Walter M. Locke. AF Plcy Ltr for Comdrs: Sup No. 6:19-23 Jun '79

Looking for options in the ICBM follow-on "shell game." David Harvey. illus Def & For Aff Dig 7, No. 4:40-41 '79

The MX and strategic deterrence in the 1980s. G.K. Burke. illus tabs AU Rev 30:28-38 May-Jun '79

MX: The missile we don't need. illus tabs Def Monitor 8: entire issue Oct '79

Missiles and astronautics. Regular feature in some issues of National Defense

The Mobile Channel Ballistic Missile (MCBM). CDR Roger P. Hulson. map illus US Nav Inst Proc 105: 103-105 Sep '79

The obsolete ICBM. Def Monitor 8: entire issue Apr '79

Principal U.S. and Soviet aerospace systems. Table only. AF Mag 62:98 Mar '79

A proposed Defense budget for FY 1980. illus Command 2: entire issue Mar '79

SALT and the Navy. LT James L. George, Ret. illus tabs US Nav Inst Proc 105:28-37 Jun '79

Strategic force modernization plan. William J. Perry. illus Command Plcy 2: entire issue May '79

Verification and the ICBM shell-game. Stephen M. Meyer. Intl Sec 4:40-68 Fall '79

United States--Air Force

The "A"s in AMRAAM (Advanced Medium Range Air-to-Air Missile). Murry Shohat. illus Mil Elect/Countermeasures 5:44 Jan '79

(Advanced Medium-Range Air-to-Air Missile--AMRAAM to replace Sparrow) illus Signal 33:78 Apr '79

Armament: The business end of the Air Force. Edgar Ulsamer. illus AF Mag 62:40-46 Dec '79

B-52 role facing change--cruise missile test results. Coleman Rogers. illus Mil Elect/Countermeasures 5:96-97+ Feb '79

F/4 AIM 7 boresight shots. Maj Guy S. Gardner. illus tab USAF Ftr Wpns Rev, pp 20-24, Fall '79

MISSILES - ContinuedUnited States--Air Force - Cont'd

Gallery of USAF weapons: Airborne tactical and defense missiles. illus AF Mag 62:128+ May '79

Gallery of USAF weapons: Strategic missiles. illus AF Mag 62:127-128 May '79

ICBM and air-breathing programs. (Presentation, Committee on Armed Services, House of Representatives, Washington, Feb 28, 1979) LtGen Tom Stafford. AF Plcy Ltr for Comdrs: Sup No. 4: 30-32 Apr '79

The infinite silo. Norman Polmar. illus Sea Power 22:17-21 Mar '79

The MX and the environment. (Presentation, Subcommittee on Public Lands of the House Committee on Interior and Insular Affairs, Washington, Oct 2, 1979) Edward A. Miller, Jr. AF Plcy Ltr for Comdrs: Sup No. 12:8-12 Dec '79

MX mobile concept: 50,000 people. Len Famiglietti. map AF Times 39:4 Mar 5 '79

Maintaining stable deterrence. McGeorge Bundy. Intl Sec 3:5-16 Winter '78-'79

The new MX ICBM. (Presentation, Subcommittee on Public Lands of the House Committee on Interior and Insular Affairs, Washington, Oct 2, 1979) BrigGen Guy L. Hecker, Jr. AF Plcy Ltr for Comdrs: Sup No. 12:2-5 Dec '79

Our greatest need today. (Remarks, AFA Symposium, Los Angeles, Oct 26, 1978) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 1:2-8 Jan '79

Prospects for the manned bomber--high noon or sunset? LtCol Edd D. Wheeler. illus AU Rev 30:2-15 Jan-Feb '79

Rapier buy, Roland cut? illus Armed Forces J Intl 117:10+ Sep '79

USAF objective: To maintain a credible force. LtGen Thomas P. Stafford. AF Plcy Ltr for Comdrs: Sup No. 12:15-22 Dec '78

United States--Armed ForcesTesting

The U.S. Ballistic Missile Defense Research and Development Program. LtCol Martin G. Olson. illus Air Def Mag, pp 6-10, Jan-Mar '79

United States--Army

Pershing II go-ahead. Intl Def Rev 12, No. 3:315 '79

Roland launched. illus Mil Rev 59:76 Sep '79

United States--Navy

The cruise missile: An offensive alternative. CDR Ronald D. Tucker. illus US Nav Inst Proc 105:111-114 Jan '79

DDG-47: Aegis on its way to sea. CDR Todd Blades, Ret. illus US Nav Inst Proc 105:101-106 Jan '79

Over the horizon with the cruise missile. CDR Robert C. Powers. illus US Nav Inst Proc 105:108-110 Feb '79

MISSILES, ANTI-AIRCRAFT

Air defense artillery. LtCol Richard B. Wessling and others. *Illus Armor* 88:30-34 Sep-Oct '79

Gallery of Soviet aerospace weapons: Surface-to-air missiles. *Illus AF Mag* 62:114 Mar '79

MISSILES, ANTISHIP

Controlling Harpoon missile launches. Robert E. Fielding and Ralph L. Boehm. *Illus Def Elect* 11:40-42+ Jul '79

The cruise missile: An offensive alternative. CDR Ronald D. Tucker. *Illus US Nav Inst Proc* 105:111-114 Jan '79

SS-N-14: A third round. Norman Friedman. *Illus US Nav Inst Proc* 105:110-114 Jun '79

SS-N-14: Another look. Ezio Bonsignore. *Illus US Nav Inst Proc* 105:102-106 Apr '79

MISSILES, ANTITANK

Agusta A.129 Mongoose--Europe's first day/night anti-tank helicopter. Charles Gilson. *Illus tabs Intl Def Rev* 12, No.9:1511-1514 '79

Airborne anti-tank capabilities scrutinized. (Exercise TASVAL) Richard Hartman. *Illus tabs Def Elect* pt 1, 11:53-54+ Nov '79; pt 2, 11:54-55+ Dec '79

Antitank guided missiles. Col N. Kharitonov. *Illus Soviet Mil Rev* No. 12:34-36 Dec '79

Anti-tank warfare. John Marriott. *Illus NATO's Fifteen Nations* 24:60-62+ Apr-May '79

Army unveils new anti-tank weapons. *Illus Armed Forces J Intl* 117:12-13 Dec '79

Put Dragons in the offense. 2dLt David J. Hallman. *MarCor Gaz* 63:24-25 Dec '79

Sighting the TOW. *Illus Mil Rev* 59:82 Dec '79

The tank killers. Sgt R.T. Edwards. *Illus Army* 29:28-31 Feb '79

MISSILES, CRUISE see Missiles

also Missile Type--ALCM; Missile Type--GLCM; Missile Type--SLCM

MOBILITY

See also
Air Mobility

The Infantry Fighting Vehicle. Col Daniel K. Malone. *Illus Natl Def* 64:40-45+ Jul-Aug '79

MX missile basing plans detailed. *Illus Intl Def Rev* 12, No.8:1284-1285 '79

Military operations in built-up areas. Maj L. Erick Ohlsson. *Armor* 88:45-46 Sep-Oct '79

Mobility/countermobility in winter warfare. Maj Stephen E. Draper. *Illus Mil Rev* 59:42-49 Apr '79

Prime BEEF (Base Engineering Emergency Force) and Prime RIBS (Readiness In Base Services). Maj Max W. Day and LtCol George T. Murphy. *Illus AF Engrg & Svcs Qtr* 20:18-21+ Nov '79

MOBILITY - Continued

Readiness is our profession. *TIG Brief* 31:15 Nov 2 '79

Speed in modern warships. Norman Friedman. *Illus US Nav Inst Proc* 105:150-167 May '79

To move tanks you need a mobile ASL. Capt Gary N. Williamson. *Illus Army* 29:50-53 Mar '79

The U.S. Army's ribbon bridge. Martin E. Falk. *Illus tab Intl Def Rev* 12, No.8:1419-1420 '79

MOBILIZATION, INDUSTRIAL

The future of industrial base planning. (Address, ADPA Industrial Base Planning Symposium, Alexandria, VA, April 24, 1979) Sen Roger W. Jepsen. *Illus Natl Def* 64:38-39+ Nov-Dec '79

The Soviet mobilization base. Norman Friedman. *Illus AF Mag* 62:65-67+ Mar '79

MOBILIZATION, MILITARYRussia

The Soviet mobilization base. Norman Friedman. *Illus AF Mag* 62:65-67+ Mar '79

United States

The barely known Air Force. (Reserve Mobilization Augmentees make valuable contributions) Maj Gary Mitchelmore. *Illus Airman* 23:41-43 Jul '79

Criteria for training and mobilizing the Ready Reserve. John R. Brinkerhoff and Capt John T. Andrews. *Illus tabs Def Mgt J* 15:10-14 May-Jun '79

DCPA, AFRES sign new agreement. *Illus Air Reservist* 31:22 Jul '79

Doing more with MAs (Mobilization Augmentees). Col Raymond Thompson. *Illus Air Reservist* 31:14-15 Feb '79

Draft agency (Selective Service System) needs Privacy Act waiver to meet call-up quotas. *AF Times* 39:2 Jan 1 '79

Finding the "X" factor for mobilization manpower in the 1980's. *Natl Guard* 33:8-11+ Oct '79

Logistics and force readiness. LtGen Arthur J. Gregg. *Illus Army Log* 11:2-5 Nov-Dec '79

Manpower for mobilization. Robert B. Pirie, Jr. *Illus Command Plcy* 2: entire issue Oct '79

Mobilization and transportation. (Remarks, National Defense Transportation Assoc Forum, 1978) Charles W. Duncan, Jr. *Illus Translog* 10:6-8 Feb '79

Mobilization Augmentee officers honored. *Illus Officer* 55:10 May '79

Mobilization in the nuclear age. Paul Bracken. *Illus tabs Intl Sec* 3:74-93 Winter '78-'79

Mobilization snags persist. *AF Times* 39:8 Jun 11 '79

Operation Redoubt III largest exercise ever undertaken by AFRes. *Illus Officer* 55:15-16 Sep '79

Outstanding MA's. *Illus Air Reservist* 31:16-18 May '79

MOBILIZATION, MILITARY - ContinuedUnited States - Cont'd

Project Depot Round Out: DARCOM aviation maintenance to be augmented by Army National Guard upon mobilization. Col Rudolph D. Descoteau. illus Army Log 11:2-5 May-Jun '79.

R&D MAs. LtGen Thomas P. Stafford. illus Air Reservist 32:14-15 Nov '79

'Redoubt,' largest yet, ends for Reservists. AF Times 40:12 Oct 1 '79

Redoubt ... Phase III. SSgt John Bunker. illus Air Reservist 31:12-15 Aug-Sep '79

Registration bill held premature. AF Times 39:21 Jul 16 '79

Reservists and emergency readiness--DCPA (Defense Civil Preparedness Agency). illus Officer 55:16 Jan '79

Support of Guard and Reserve tenant units. TIG Brief 31:22 Apr 6 '79

(USAF) Retiree Council wants recall study pushed. Don Mace. AF Times 40:33 Dec 24 '79

With clear missions, definite objectives. Gen Robert M. Shoemaker. illus tab Army 29:39-42 Oct '79

Working toward 'come as you are' readiness. MajGen Emmett H. Walker, Jr. illus Army 29:82-85 Oct '79

MODEL AIRPLANES see Airplanes, Model

MOHR, Henry

(Army Reserve) Gen Henry Mohr. por Officer 55: 12-14 Apr '79

MONEYSee also

Electronic Funds Transfer System

Military currency control. LtCol Joseph F. Adams. illus tabs Armed Forces Compt 24:25-31 May '79

Personal financial management program: Commanders' and supervisors' responsibilities. TIG Brief 31:5 Jul 13 '79

MONGOLIA

Glorious page of combat brotherhood. Col G. Plotnikov. illus map Soviet Mil Rev No. 7:37-39 Jul '79

MONROE, Robert R.

DNA (Defense Nuclear Agency) sifts N-test effects--early returns indicate cancer possible fluke. Interview. VADM Robert R. Monroe. por AF Times 40:23 Nov 19 '79

MOONLIGHTING

Does your wife work? Bruce Callander. AF Times 40:7 Dec 17 '79

MOORE, William G., Jr.

Decentralizing develops leaders. Gen William G. Moore, Jr. (Reprinted from MAC News Service, Jan 29, 1979) AF Plcy Ltr for Comdrs: Sup No. 4: 24-25 Apr '79

MOORE, William G., Jr. - Continued

MAC is meeting global challenges today with success. What about tomorrow? Gen William G. Moore, Jr. por Command 2:2-5+ Feb '79

Military Airlift Command. por AF Mag 62:78-80 May '79

Two, four, six, eight: Think ahead and delegate. Gen William G. Moore, Jr, Ret. TIG Brief 31:2 Oct 19 '79

MOORER, Thomas H.

The United States needs another nuclear carrier--now. J. William Middendorf II and ADM Thomas H. Moorer, Ret. Sea Power 22:22-25 Apr '79

MORALE

The alienated soldier: Legacy of our society. Maj Stephen D. Westbrook. illus Army 29:18-23 Dec '79

Assignment: Europe. Steve Abbott. illus Soldiers 34: 16-23 Jan '79

Continuous operations in Europe: Feasibility and the effects of leadership and training. Frederick J. Manning. Parameters 9:8-17 Sep '79

Efforts to boost morale paying off, SP chief says. Interview. BrigGen William R. Brooksher. AF Times 39:10 Feb 19 '79

A legacy of esprit and leadership. (Address, Army General Staff College, Washington, Jan 18, 1921) MajGen John A. Lejeune. illus MarCor Gaz 63:31-37 Jul '79

OPM cites survey--civil service 'morale is high.' Don Mace. AF Times 40:8 Dec 3 '79

Quality of life in Turkey said 'degrading.' AF Times 39:11 Feb 26 '79

MORRIS, Harry A.

Not mercenaries; not missionaries. (Address, Joint Session of the Junior Officer Advisory Council, Enlisted Advisory Council, Senior Enlisted Advisors, Air Force Assoc National Convention, Washington) MajGen H.A. Morris. AF Plcy Ltr for Comdrs: Sup No. 12:23-27 Dec '78

Thinking as Air Force leaders. (Presentation, Air Force Assoc National Convention, Washington, Sep 17, 1979) MajGen H.A. Morris. AF Plcy Ltr for Comdrs: Sup No. 12:20-26 Dec '79

MORTARS

A deadly combo: 4.2 & M-198. Capt Richard A. Stewart. MarCor Gaz 63:24 Dec '79

We need the 4.2-inch mortar. Capts S.A. Cheney and P.E. Cotten. MarCor Gaz 63:22-23 Sep '79

MOTELS see Hotels and Motels

MOTHBALLING see Airplanes, Military--Storage

MOTION PICTURES

The best for less. SgtMaj Bruce N. Bant. illus Soldiers 34:14-16 Aug '79

The cinema in the Forces. Col N. Potapov. illus Soviet Mil Rev No. 1:56-57 Jan '79

MOTION PICTURES - Continued

Destination: Montreal. (Vermont Army National Guard UH-1 Hueys assigned to Canadian production company filming the disaster movie, "City on Fire") SP5 Jay Schmidt. illus USA Avn Dig 25: 20-22 Apr '79

"War Without Winners": A handbook of questions and answers on nuclear war. illus Def Monitor 8: entire issue Feb '79

MOTION SICKNESS

Aeromedical aspects of otolaryngology. H.H. Hanna. Aviation, Space & Envmt Med 50:280-283 Mar '79

Effect of transdermally administered scopolamine in preventing motion sickness. M.E. McCauley and others. illus tabs Aviation, Space & Envmt Med 50:1108-1111 Nov '79

Estimated body rotation as a predictor of motion sickness susceptibility. A.J. Gundry. tab Aviation, Space & Envmt Med 50:917-920 Sep '79

Optokinetic motion sickness: Attenuation of visually-induced apparent self-rotation by passive head movements. Richard A. Teixeira and James R. Lackner. tab Aviation, Space & Envmt Med 50: 264-266 Mar '79

Prevention and treatment of space sickness in shuttle-orbiter missions. Ashton Graybiel. tabs Aviation, Space & Envmt Med 50:171-176 Feb '79

Rotation at 30 rpm about the z axis after 6 hours in the 100 head-down position: Effect on susceptibility to motion sickness. Ashton Graybiel and James R. Lackner. tabs Aviation, Space & Envmt Med 50: 390-392 Apr '79

Some influences of vision on susceptibility to motion sickness. James R. Lackner and Ashton Graybiel. tabs Aviation, Space & Envmt Med 50:1122-1125 Nov '79

Susceptibility to seasickness: Influence of hull design and steaming direction. Steven F. Wiker and others. tabs Aviation, Space & Envmt Med 50: 1046-1051 Oct '79

MOTIVATION (PSYCHOLOGY)

Civilian attrition. CDR W.E. Peterson. illus tabs AF Engrg & Svcs Qtr 20:9-13 Feb '79

Combat cohesion in Soviet and American military units. Maj Richard A. Gabriel. illus Parameters 8:16-27 Dec '78

Effectiveness and cohesion of the German ground forces in World War II. W. Victor Madej. tabs J Pol & Mil Sociol 6:233-248 Fall '78

The human factor: What does it mean to logisticians. LtCol Ronald E. Knipfer and Maj Richard V. Badalamente. illus Log Spectrum pt 1, Physiological factors. 13:23-27 Spring '79; pt 2, Motivation. 13:5-9 Winter '79

Performance pay--will it work? Richard A. Stimson. illus Def Mgt J 15:23-27 Jul-Aug '79

Retention in the Reserves: The motivation factor. Col James R. Compton. Parameters 9:30-45 Mar '79

That sense of urgency. CW3 Raoul Archambault III. illus USA Avn Dig 25:28-35 Nov '79

MOTOR POOLS

Motor pool. SP5 Lana Ott. illus Soldiers 34:23-26 Nov '79

MOTOR VEHICLESSee also

All-Terrain Vehicles
Automobiles
Tractors
Trucks and Trucking

Drivers and Driving

DWI. Capt Eric M. Petersen. illus TAC Attack 19: 20-21 May '79

'Downtowners' to pay fees--parking free at most bases. Tom Philpott. AF Times 39:1+ Apr 23 '79

4-wheel PMV (Private Motor Vehicle) passenger deaths increasing. tab TIG Brief 31:18 Jul 2 '79

TOBC (Transportation Officers Basic Course) students keep on truckin'. illus Translog 10:15-16 Feb '79

Refueling

A plan for refueling. Capt Thomas G. Prutch. illus Armor 88:30-33 Jan-Feb '79

Air Force

Advance notification of new production vehicle shipments. TIG Brief 31:7 Jun 15 '79

Air Force vehicles. TIG Brief 31:16 Feb 9 '79

Commander authorization for vehicle rentals. TIG Brief 31:12 Feb 23 '79

Misuse of government vehicles. TIG Brief 31:11 Nov 2 '79

Too many vehicles? TIG Brief 31:14 Aug 3 '79

Traffic radar being scrutinized. TIG Brief 31:3 Oct 19 '79

Vehicle support for electronics installation personnel. TIG Brief 31:12 Sep 21 '79

Maintenance and Repair

Maintenance of nuclear-certified vehicles. TIG Brief 31:9-10 Jun 15 '79

Armed Forces

Motor vehicle standardisation in the Warsaw Pact: Problems and limitations. Lawrence L. Whetten and James L. Waddell. tabs RUSI J for Def Studies 124:55-60 Mar '79

Tank-automotive news. Regular feature in some issues of National Defense

ArmyHistory

A bit of nostalgia: The chariots of war retire to peaceful pastures. Swede Carlson. illus Def Trans J 35:26+ Oct '79

MOTOR VEHICLES - ContinuedArmy - Cont'dMaintenance and Repair

Motor pool. SP5 Lana Ott. illus Soldiers 34:23-26 Nov '79

Motor stables. CWO4 Gene E. Davidson. illus Army Log 11:33-35 Nov-Dec '79

Surviving the sedan famine. Capt Bruce P. Schoch. illus Army Log 11:30-32 Nov-Dec '79

MOTORCYCLES AND BICYCLES

By '84, 1200 moped riders will be killed annually. AF Times 40:33 Sep 24 '79

California study on motorcycle crashes and injuries. TIG Brief 31:7 Oct 19 '79

Cycle advice: Be seen, wear helmet. AF Times 40:34 Aug 6 '79

Is the heavy motor-cycle making a comeback? Hasso Erb. illus tab Intl Def Rev 12, No. 3:402-404 '79

Leaving helmet in the closet. AF Times 40:20 Oct 29 '79

Local motorcycle mishap prevention efforts. TIG Brief 31:5 Sep 7 '79

Marines pop wheelies. Capt Robert E. Haber. MarCor Gaz 63:23-24 Jul '79

Motorcycle helmet found to be effective injury countermeasure. TIG Brief 31:5 Sep 21 '79

Motorcycle operator factors identified in California study (of 900 motorcycle crash investigations). TIG Brief 31:5 Oct 5 '79

Motorcycle operators' licensing dilemma. TIG Brief 31:7 Oct 5 '79

Speed, alcohol culprits in motorcycle fatalities. AF Times 40:34 Sep 17 '79

Laws and Regulations

Helmet (law) repeal study finds fatality jump. tab AF Times 40:32 Nov 19 '79

Helmet repeal boosts deaths. AF Times 39:26 Feb 5 '79

States push-pull on helmet laws. tab AF Times 39:34 May 28 '79

MOUNTAIN FLYING

Mountain waves--a force second only to tornados. LtCol James D. Simpson, Ret. illus USA Avn Dig 25:10-15 Sep '79

Mountain waves: A powerful and dangerous force. (Adapted from Approach, Nov 1977) illus Aerosp Safety 35:22-23 Jan '79

MOUNTAIN OPERATIONS

Defence in mountain and wooded country. Maj Z. Averyanov. Soviet Mil Rev No. 5:20-21 May '79

MOUNTAIN OPERATIONS - Continued

Reconnaissance in mountainous and wooded country. Col V. Bezvershenko. illus Soviet Mil Rev No. 7: 24-25 Jul '79

Reconnaissance in mountains. illus Soviet Mil Rev No. 3:31-33 Mar '79

MOUNTAIN SICKNESS see Altitude, Influence ofMOVEMENT CONTROL

Here are entered articles on planning and control of movement of troops and supplies.

See also

Deployment

To move tanks you need a mobile ASL. Capt Gary N. Williamson. illus Army 29:50-53 Mar '79

MOVING see Household EffectsMULTINATIONAL CORPORATIONS see Corporations, InternationalMUNITIONS

Armament: The business end of the Air Force. Edgar Ulsamer. illus AF Mag 62:40-46 Dec '79

The counter-mobility potential in the NATO context. LtCol David K. Anderson. illus tabs Strat Rev 7: 67-75 Winter '79

Munitions inspections. TIG Brief 31:8 Jun 15 '79

Munitions support for surge operations. TIG Brief 31:10 Oct 19 '79

Study and Teaching

Missiles and munitions (training at Redstone Arsenal). SP4 Larry Paul. illus Soldiers 34:51-53 Jul '79

MUNITIONS LOADING COMPETITIONS

Giant Sword 1979. Maj Stephen J. Miller. illus tabs Combat Crew 29:4-7 Sep '79

The thrill of victory: Minot wins top spot in (SAC's Loading Competition, Giant Sword, Sep 11-18, 1979). Maj Stephen J. Miller. illus Combat Crew 29:4-7+ Nov '79

William Tell ... an ADCOM tradition. illus Interceptor 21:34-35 Jan '79

MUSEUMS

Museum news. Regular feature in some issues of Aerospace Historian

Air Force--U.S.

AF Museum--largest, oldest, best. Jay Miller. illus AF Times 40:28 Oct 22 '79

Air Force Museum Program. TIG Brief 31:21 May 4 '79

History lesson (at the Air Force Armament Museum). Millie Roberts. AF Times 40:55 Dec 24 '79

MUSEUMS - ContinuedAir Force--U. S.-- Cont'd

Piecing together history (for AF Museum). TSgt Steven A. Landry. illus Air Reservist 31:16-17 Mar '79

Armed Forces--Russia

The Central Museum of the USSR Armed Forces (in Moscow) is 60 years old. I. Kuznetsova. illus Soviet Mil Rev No. 12:54-55 Dec '79

Army--U. S.

It's been done before--check the Army Aviation Museum. LtGen Robert R. Williams, Ret. illus Armed Forces J Intl 116:44-46 Jul '79

Living history (at the Patton Museum). LtCol R. R. Taylor, Jr, Ret. illus Armor 88:62-65 Jul-Aug '79

Whatever happened to the Army Medical Museum? illus Soldiers 34:13 Jul '79

National Guard--Armed Forces--U. S.

Heritage Gallery. illus Natl Guard 33:24 Jul '79

Europe, Western

Touring Europe's air museums. Edward Peck. illus Aerosp Hist 26:154-160 Sep '79

MUSEUMS - ContinuedUnited States

Restoring oldies at Silver Hill. Phil Jacobs. illus AF Times 40:53-54 Nov 5 '79

MUSIC, MILITARY

See also
Bands (Music)

Who's Jody? Capt Gardner M. Nason. illus Soldiers 34:24-26 Dec '79

MYERS, Paul W.

Health care woes: People, places, \$\$ (Testimony to Congress) LtGen Paul W. Myers. AF Times 39:8 Mar 5 '79

Improving health care. (Presentation, House Armed Services Committee, Feb 16, 1979) LtGen Paul W. Myers. AF Plcy Ltr for Comdrs: Sup No. 5: 20-26 May '79

Killing Vet Corps would hurt country (says USAF Surgeon General LtGen Paul W. Myers). Ron Sanders. AF Times 40:3 Aug 27 '79

(Lt)Gen Myers on PAs: Pluses in health care. AF Times 39:40 Jun 18 '79

NASA see National Aeronautics and Space Administration

NATO see North Atlantic Treaty Organization

NATO INTEGRATED COMMUNICATIONS SYSTEM

The evolution of NICS (NATO Integrated Communications System). John Anderson. illus Signal 33: 14-19 Apr '79

NDTA see National Defense Transportation Association

NGAUS see National Guard Association

NICS see NATO Integrated Communications System

NOAA see National Oceanic and Atmospheric Administration

NORAD see North American Air Defense Command

NTIS see National Technical Information Service

NAMIBIA

Crisis in southern Africa: South-West Africa/Namibia. map Officer 55:16-17 Mar '79

Political, economic, and security changes in Botswana, Namibia, and South Africa, 1966-79. Richard Dale. illus map Parameters 9:56-69 Sep '79

Politics and Government

SWAPO-D (South West Africa People's Organization-Democrats): Fighting for power in SW Africa. (Interview with Kenneth Abrahams) David Harvey. illus Def & For Aff Dig 7, No. 1:38-39+ '79

NAP-OF-THE-EARTH FLYING see Flight, Low-Altitude

NAPOLÉON I, Emperor of the French

Napoleon--master logistician. Capt George M. Stephenson. por Army Log 11:20-23 Nov-Dec '79

NAPOLÉONIC WARS

The lines of Torres Vedras: A study in logistical management. 1stLt Robert Stacy. illus map Armor 88:30-33 Nov-Dec '79

The role of the Royal Navy in the Napoleonic Wars after Trafalgar, 1805-1814. David Syrett. illus Nav War Col Rev 32:71-84 Sep-Oct '79

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Guide to NASA's research centers. AF Mag 62:165 May '79

NATIONAL AVIATION FACILITIES EXPERIMENTAL CENTER

NAFEC (National Aviation Facilities Experimental Center): Today's R&D for tomorrow's air safety. William P. Schlitz. illus AF Mag 62:42-49 Oct '79

NATIONAL BUSINESS AIRCRAFT ASSOCIATION

The 32d NBAA (National Business Aircraft Assoc) Show, Atlanta 1979. illus Interavia 34:1013-1016 Nov '79

NATIONAL DEFENSE see Defenses

NATIONAL DEFENSE TRANSPORTATION ASSOCIATION

NDTA honors (military) transportation units (at its Forum and Exposition, Salt Lake City, Sep 18, 1979). Translog 10:8+ Sep '79

NDTA talk. Regular feature in issues of Defense Transportation Journal

(NDTA 34th Annual Transportation and Logistics Forum and Exposition, Salt Lake City, Sep 16-18, 1979) illus Def Trans J 35:39-42+ Oct '79

(34th Annual NDTA Transportation & Logistics Forum & Exposition, Salt Lake City (Sep 16-18, 1979). illus Def Trans J 35:45-54 Dec '79

NATIONAL GOALS see National Policy

NATIONAL GUARD

See also
Selected Reserve Force

Air Force

The A-10's join the Air Guard fleet! Allan R. Scholin. illus Natl Guard 33:18-21+ Sep '79

ANG lands at Valley Forge. TSgt John Bunker. illus Air Reservist 31:12-14 Oct '79

Active duty Guard aircrews at Pease AFB (NH) are all ready in the "Mole Hole." (Crews spend their seven day stretches on alert duty at a concrete blockhouse) Capt Dick Sheffield. illus Airman 23: 2-6 Oct '79

Air National Guard. illus tab AF Mag 62:112-113 May '79

(Air National Guard) Interview. MajGen John T. Guice. illus Air Reservist 31:7-9 Jul '79

The Air National Guard--current flying units and their aircraft. Brian C. Rogers. illus tabs Am Avn Hist Soc J 23:260-266 Winter '78

Air Reserve forces face increasing difficulties. Bonner Day. illus AF Mag 62:82-85 Aug '79

Airlift to Guyana. LtCol Tom Beal. illus map Natl Guard 33:4-7+ Jan '79

'Almost unbelievable.' Regina M. McGuiness. illus Air Reservist 31:15 Oct '79

Colorado Corsairs over Turkey (in NATO Exercise Display Determination). MSgt Janet Wright. illus map Natl Guard 33:12-14+ Nov '79

Come fly with us! illus tabs Air Reservist 30: entire issue May-Jun '78

Cross-country with a BEE (BioEnvironmental Engineers). (Interview with LtCol Ronald D. Burnett) illus Air Reservist 31:16-17 Feb '79

NATIONAL GUARD - ContinuedAir Force - Cont'd

- Factory fresh. SSgt Leslie Olson. illus Air Reservist 31:8-9 Aug-Sep '79
- Gallant Eagle '79: Reality and myth. TSgt Michael Hampton. illus Air Reservist 31:6-7 Mar '79
- Here come the 'H' models. illus Natl Guard 33:18-20 Aug '79
- Jack Frost. Maj Don N. Levy and others. illus Air Reservist 31:16-17 Apr '79
- Killer tornado (at Cheyenne, WY)! illus Air Reservist 31:11 Aug-Sep '79
- One of a kind. (Virginia Air National Guard's 200th Weather Sq) Capt Conrad Slate. illus Air Reservist 31:10-11 Dec '78-Jan '79
- "Photo finish!" (Nationwide photo recon "shoot off"--winning team is USAF 67th TRW) 2dLt Jeff Butcher. illus Natl Guard 33:26-28 May '79
- Rapid Recce. illus Natl Guard 33:26-27 Jul '79
- Rapid Recce: A record day (for Alabama ANG). Maj Don Levy. illus Air Reservist 31:16-17 Jul '79
- Samaritan III: Aeromedics in action. TSgt Jo Ann Anders. illus Natl Guard 33:26-27 Aug '79
- Samaritans in fatigues. (Annual realistic aeromedical evacuation exercise designed to train ANG tactical aeromedical evacuation people) TSgt Jo Ann Anders. illus Air Reservist 31:12-13+ Jul '79
- Snowbirds flock to Tucson. SMSgt Gerald H. Smith. illus Air Reservist 31:8-9 Apr '79
- Success can mean less money for ANG. Interview. MajGen John T. Gulce. illus AF Times 40:7 Jul 30 '79
- Super people doing ... a super job. SMSgt Gerald H. Smith. illus Air Reservist 31:12-13 Dec '78-Jan '79
- "They tie it all together." Allan R. Scholin. illus Natl Guard 33:14-16+ Oct '79
- Topic #1 is: How to reach wartime manning requirements. (Report on Air Guard Senior Air Commanders' Conference, Nashville, March 1979) LtCol Bill E. Burk. illus Natl Guard 33:18-21+ May '79
- Women on the move. Marilyn H. Hargreaves and MSgt Thomas Brucia. illus Air Reservist 31:8-11 Mar '79
- The world is their workshop. (ANG and AFR civil engineering units) illus Air Reservist 31:10-11+ May '79

Statistics

- Air Reserve forces face increasing difficulties. Bonner Day. illus AF Mag 62:82-85 Aug '79

Armed Forces

- Bracing civil defense. AF Times 40:18 Aug 20 '79

NATIONAL GUARD - ContinuedArmed Forces - Cont'd

- DOD's initiatives to strengthen the Ready Reserve. Larry J. Wilson. illus tabs Def Mgt J 15:26-31 May-Jun '79
- A governor talks about the Guard. (Interview with Lee Sherman Dreyfus of Wisconsin) illus Natl Guard 33:10-11 Sep '79
- A Guardsman remembers the "back wards" (in Rhode Island's Institute for Mental Health/General Hospital during nurses' and attendants' strike). Ch(Maj) Thomas J. Clarke. illus Natl Guard 33:26-27 Nov '79
- Issues 1979. Natl Guard 33:8-9+ Jan '79
- Keep 'em rolling: The Guard in the trucking crisis of '79. illus Natl Guard 33:14-17 Aug '79
- The long harsh winter of 1979. illus Natl Guard 33:8-12+ Mar-Apr '79
- The (NGAUS) 1979 Red Book: A report. illus Natl Guard 33:6-9+ May '79
- Questions and answers to help show how the Guard stretches fuel resources. illus Natl Guard 33:12-13 Aug '79
- Reserves undermanned and unready, says GAO. AF Times 40:42 Aug 27 '79
- Reservists say: Upgrade facilities. AF Times 39:31 Apr 9 '79
- State AG's meet in Boston (April 1979) and agree on priorities for action in the best interests of national security. illus Natl Guard 33:6-9+ Jul '79
- State duty! illus Natl Guard 33:8-11+ Jun '79
- What is "the National Guard" in other nations? Col Bruce Jacobs. illus tab Natl Guard 33:8-10+ Aug '79
- Wyoming hayride. Capt John T. Edwards. illus Air Reservist 31:14-15 Apr '79

Army

- Affiliation. Capt George W. Olney. illus Infantry 69:24-26 Sep-Oct '79
- Affiliation: Key to improved readiness. LtCol Merrill B. Burruss. illus tab Fld Arty J 47:38-41 Jan-Feb '79
- Are our Reserve Components ready? Capt Gerald P. Nye. illus Fld Arty J 47:43-46 Sep-Oct '79
- Army Guard training in Norway sharpens winter warfare skills. illus Natl Guard 33:14-16+ Jun '79
- Army National Guard Aviation. Col John J. Stanko, Jr. chart USA Avn Dig 25:22-23 Jul '79
- Catch-up--Idaho's special basic refresher for ARNG women. illus Natl Guard 33:25 Aug '79
- The comeback of Company 'C.' Maj Dave Zweifel. illus Natl Guard 33:12-13+ Oct '79
- David! illus map Natl Guard 33:24-25 Oct '79

NATIONAL GUARD - ContinuedArmy - Cont'd

Destination: Montreal. (Vermont Army National Guard UH-1 Hueys assigned to Canadian production company filming the disaster movie, "City on Fire") SP5 Jay Schmidt. illus USA Avn Dig 25: 20-22 Apr '79

Employer support of the Guard and Reserve. James M. Roche. illus Def Mgt J 15:8-11 Jul-Aug '79

Guard medics in Winter Olympics "try-outs"--a task force of medics from New York is ready for emergency tasks at Lake Placid when Winter Games take place. illus Natl Guard 33:8-11 Nov '79

Helping hand! (Army airmen of the Puerto Rico National Guard in the Dominican Republic) illus Natl Guard 33:16-18 Nov '79

"The Jocks" meet the Virginians: One of the many "different" aspects of training in the UK was firing the British Army infantry weapons. John Goolrick. illus Natl Guard 33:17-19 Oct '79

National Guard aids injured hunter. SP5 Dall M. T. Adams. illus USA Avn Dig 25:34-37 Aug '79

1979: National Guard shooters off and running (in the All-Army Rifle, Pistol and Machinegun Championship, Fort Benning, GA, May 1979). illus Natl Guard 33:14-17+ Jul '79

Oregon Army Guardsmen, diverted from routine training, locate and rescue a wounded hunter. illus Natl Guard 33:16-17 Feb '79

Project Depot Round Out: DARCOM aviation maintenance to be augmented by Army National Guard upon mobilization. Col Rudolph D. Descoteau. illus Army Log 11:2-5 May-Jun '79

Reserve Component armor training. Capt Samuel T. Conn III. illus Armor 88:13-14 May-Jun '79

Reserve Components Puerto Rico style. SGM Bruce N. Bant. illus Soldiers 34:23-26 Sep '79

Reserves at (Fort) Benning (GA)--IOBC short course. 2dLt Dale Wilson. illus Soldiers 34:31-32 Jul '79

Suddenly there's a Valley. Capt Robert B. Robeson. illus USA Avn Dig 25:45-47 Sep '79

Support unit improvement program. MajGen Thomas D. Ayers. illus map Army Log 11:41-43 Sep-Oct '79

Working toward 'come as you are' readiness. MajGen Emmett H. Walker, Jr. illus Army 29:82-85 Oct '79

Directories

National Guard units. Army 29:116-117 Oct '79

History

General Marshall's unpublished message to the Guard (at NGAUS convention, Baltimore, Oct 27, 1939). Gen George C. Marshall. illus Natl Guard 33: 14-17+ Sep '79

NATIONAL GUARD ASSOCIATION

The (NGAUS) 1979 Red Book: A report. illus Natl Guard 33:6-9+ May '79

NATIONAL GUARD ASSOCIATION - Continued

(NGAUS) 100th General Conference (St Louis, Oct 2-4, 1978) illus tabs Natl Guard 32: entire issue Dec '78

A National Guard presence in Washington. MajGen LaVern E. Weber. illus Natl Guard 33:23-25 Jan '79

'79 Convention highlights (NGAUS). (101st, Cleveland, Oct 8-10) Marilyn H. Hargreaves. illus Air Reservist 32:6-7 Nov '79

NATIONAL GUARD BUREAU

It's official! NGB Chief has 3 stars: Weber promoted to lieutenant general. illus Natl Guard 33:4 Aug '79

A National Guard presence in Washington. MajGen LaVern E. Weber. illus Natl Guard 33:23-25 Jan '79

President Carter names Weber, CNGB, for promotion to lieutenant general. illus Natl Guard 33:4 Jul '79

NATIONAL MILITARY COMMAND SYSTEMSee also

Worldwide Military Command and Control System

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Bill would okay officer transfers (between the military Services and National Oceanic and Atmospheric Administration). AF Times 40:39 Dec 10 '79

Long-range weather object of Howard (AFB, CZ) test. Capt John J. Mascatelli. AF Times 39:22 Apr 2 '79

NOAA's operational satellite service--C3A. David S. Johnson. illus Signal 34:24-28+ Nov-Dec '79

Norton (AFB, CA) crews take part in world weather tests. (Global Atmospheric Research Program (GARP)) AF Times 39:16 Apr 23 '79

Tel-weather for NOAA weather radar system. Signal 34:88 Nov-Dec '79

Directories

Flag and general officers of the naval services: Officers of flag rank of the U.S. Navy, U.S. Coast Guard, and NOAA, and general officers of the U.S. Marine Corps on active duty as of 31 March 1979. illus US Nav Inst Proc 105:201-226 May '79

NATIONAL POLICYChina (People's Republic)

The Sino-Soviet conflict: A search for new security strategies. William G. Hyland. illus Strat Rev 7: 51-62 Fall '79

Great Britain

Science, intelligence and policy. R. V. Jones. RUSI J for Def Studies 124:9-17 Jun '79

Russia

East-West mutual assessments: Perceptions of the threat. John Fullerton. illus Def & For Aff Dig 7, No. 7:40-42+ '79

NATIONAL POLICY - ContinuedRussia - Cont'd

Is the USSR at the point of crucial change? Stefan T. Possony. illus Def & For Aff Dig 7, No.12:2-5+ '79

Minerals: Key to Soviet current strategies? Michael Morgan. illus Def & For Aff Dig 7, No.12:17-20 '79

The Sino-Soviet conflict: A search for new security strategies. William G. Hyland. illus Strat Rev 7: 51-62 Fall '79

United States

America's battered spirit: Our security and foreign policy dilemma. James R. Bullington. illus Parameters 9:46-51 Mar '79

'Cargo moves ships': Action at last on the maritime front. L. Edgar Prina. illus Sea Power 22:27-30 Sep '79

Interdependence, specialization, and national security: Problems for diplomats, soldiers, and scholars. Col William J. Taylor, Jr. illus tab AU Rev 30:17-26 Jul-Aug '79

Lindy Boggs: A message of hope from the Shipyard Coalition. L. Edgar Prina. illus Sea Power 22: 17-20 Jan '79

Maritime policy ... how should it be formed? Maj Roger M. Reynolds and others. illus Translog 10: 5-8 Apr '79

A new law of the sea: Why not both ways? LCDR Joel B. Heaton. illus US Nav Inst Proc 105:62-65 Nov '79

On standards, manners and national strength. John Patrick Walsh. illus Strat Rev 7:42-48 Winter '79

Strategic military balance. (Presentation, Senate Committee on Foreign Relations, July 11, 1979) Harold Brown. AF Pcly Ltr for Comdrs: Sup No.9: 10-21 Sep '79

Training key to success of force modernization. Gen Donn A. Starry. illus Army 29:30-34 Oct '79

The United States and the crescent of crisis: A view from the region. Shafqat Ali Shah. illus Strat Rev 7:39-50 Fall '79

NATIONAL POWER

Military posture & national power. Gen David C. Jones. illus Command Pcly 2: entire issue Jun '79

U.S. is an enduring major power. (Presentation, Society of Research Administrators, Reno, NV, June 4, 1979) Hans M. Mark. AF Pcly Ltr for Comdrs: Sup No.8:2-5 Aug '79

NATIONAL SECURITY see Security, NationalNATIONAL SECURITY AGENCY

The NSA perspective on telecommunications protection in the nongovernmental sector. VADM B.R. Inman. illus Signal 33:6-9+ Mar '79

NATIONAL SERVICEUnited States

The citizen soldier and national service. Morris Janowitz. illus AU Rev 31:2-16 Nov-Dec '79

NATIONAL SERVICE - ContinuedUnited States - Cont'd

The draft and/or UNS: Two views. Col Robert D. Heintz, Jr. Ret and James D. Hessman. illus Sea Power 22:33-36 May '79

The draft/UNS (Universal National Service) debate: A third option. James D. Hessman. illus Sea Power 22:35-36 Jun '79

U.S. national defense requires service, South Carolina newspaper (Greenville News) says. Officer 55: 11 Mar '79

NATIONAL TECHNICAL INFORMATION SERVICE

Technology transfer and patent management at the National Technical Information Service. David T. Mowry. Def Sys Mgt Rev 2:22-26 Winter '79

NATIONALISM

Africa begins the change. Gregory Copley. illus tab Def & For Aff Dig 7, No.10:6-9+ '79

Efflorescence and coalescence of nations. Col V. Zhukov. illus Soviet Mil Rev No.8:10-12 Aug '79

The Palestinians: Nation without a state. LtCol Robert N. Storms, Jr. Ret. illus Mil Rev 59:20-26 Nov '79

NATURAL RESOURCESSee also

Minerals

The strategic dependence of the industrial world. Phillip Crowson. illus tabs NATO's Fifteen Nations 24:32-33+ Jun-Jul '79

Antarctic Regions

Antarctica, the silent continent, awaits the competition. Michael Morgan. illus map Def & For Aff Dig 7, No.10:34-36 '79

Arctic Regions

Changing perspectives in the North: The impact of resource discoveries and modern weapons technology. Eivind Berdal. illus NATO's Fifteen Nations 24:73-76 Jun-Jul '79

Russia

Minerals: Key to Soviet current strategies? Michael Morgan. illus Def & For Aff Dig 7, No.12:17-20 '79

United States

Partners in deed. (Youth Conservation Corps) MSgt David B. Drachlis. illus Airman 23:2-8 Jan '79

NAVAL ACADEMY, ANNAPOLIS, MD

The Navy's NAHBE (Naval Academy Heat Balanced Engine). Jim Stanley. illus Natl Def 63:32-34 Mar-Apr '79

USNA facility named in honor of Gen J.A. Lejeune. MarCor Gaz 63:6 Dec '79

NAVAL AIR SYSTEMS COMMAND

(Naval Air Systems Command) Interview. VADM Forrest S. Petersen. illus Mil Elect/Countermeasures 5:14+ Jul '79

NAVAL ART AND SCIENCE see Military Art and Science NAVAL BASES

NAVAL AVIATION

France

European naval helicopter requirements and some current solutions. illus tab Intl Def Rev 12, No.4:562-567 '79

History

The Aeronavale, 1912-1962. Lee Boone Kennett, Jr. illus Aerosp Hist 26:238-244 Dec '79

Germany (Federal Republic)

European naval helicopter requirements and some current solutions. illus tab Intl Def Rev 12, No.4:562-567 '79

The German Navy procures its first shipborne helicopter. illus tabs Interavia 34:790-791 Aug '79

Great Britain

European naval helicopter requirements and some current solutions. illus tab Intl Def Rev 12, No.4:562-567 '79

The Royal Navy and NATO. Adm Terence Lewin. illus NATO's Fifteen Nations 23:92-94+ Special Issue '78

History

The evolution of fixed-wing aviation and the carrier striking group in the Royal Navy. LCDR James John Tritten. Army Qtr 109:280-290 Jul '79

Italy

European naval helicopter requirements and some current solutions. illus tab Intl Def Rev 12, No.4:562-567 '79

United States

The central issues of sea-based aviation. R. James Woolsey. illus US Nav Inst Proc 105:142-149 May '79

Fighter crews: You fight the way you practice. LCDR Lynn Carter II. illus US Nav Inst Proc 105:65-69 Apr '79

Is tomorrow's fighter/attack plane here now? Merle Macbain. illus Sea Power 22:24-26 Sep '79

Naval Air Reserve P3 squadrons in danger due to phasing out of Loran A navigation. Officer 55:15 May '79

(Naval Air Systems Command) Interview. VADM Forrest S. Petersen. illus Mil Elect/Countermeasures 5:14+ Jul '79

The 1978 carrier controversy: Why not the Kennedy? Scott C. Truver. tabs illus Nav War Col Rev 32: 59-67 Feb '79

V/STOL and the U.S. Navy. CAPT G.G.O'Rourke, Ret. illus MarCor Gaz 63:43-47 Jan '79

The Viking at sea. Robert L. Lawson. illus US Nav Inst Proc 105:70-79 Jul '79

History

A seaplane built for two. CAPT Raphael Semmes, Ret. illus Aerosp Hist 26:102-107 Jun '79

United States

Building the Tridents' home (Naval Submarine Base Bangor, WA). Jim Davis. illus US Nav Inst Proc 105:62-73 Mar '79

Jacksonville NAS, FL

NAS Jacksonville. CAPT James D. Kirkpatrick. illus Mil Engr 71:93-96 Mar-Apr '79

Vietnam (Socialist Republic)

Soviet access to Cam Ranh Bay: Political and military implications. Tai Sung An. illus map US Nav Inst Proc 105:111-113 Sep '79

Soviet bases in Vietnam: Implications for the Seventh Fleet. LCDRs William H. Walls and Edwin R. McDaniel. illus US Nav Inst Proc 105:113-116 Sep '79

NAVAL BASES, AMERICAN

Cuba

A demonstration of 'something'; the Marines land at Gtmo. L. Edgar Prina. Sea Power 22:44-45 Nov '79

Indian Ocean Region

Diego Garcia construction update. Capt Lawrence K. Donovan. illus Mil Engr 71:404-405 Nov-Dec '79

Diego Garcia: The Seabees at work. JOIC Kirby Harrison. illus map US Nav Inst Proc 105:53-61 Aug '79

Puerto Rico

Favorable court ruling on Vieques suit. L. Edgar Prina. illus Sea Power 22:51-52 Oct '79

Opposed landings--Vieques: The Navy comes under 'constant bombardment.' James D. Hessman. illus Sea Power 22:12-16 Mar '79

NAVAL BASES, RUSSIAN

Mediterranean Region

Moscow's quest for naval facilities in the Mediterranean. Milan Vego. illus map Def & For Aff Dig 7, No.12:10-15+ '79

NAVAL LIFE see Military Life

NAVAL MATERIAL COMMAND

See also

Naval Air Systems Command
Naval Sea Systems Command

NAVAL POSTGRADUATE SCHOOL

Can we teach C³? Maj Mark H. Smith. Signal 33:101-103 May-Jun '79

NAVAL RESEARCH LABORATORY

History

The origin of the Naval Research Laboratory. David K. Allison. illus US Nav Inst Proc 105:62-69 Jul '79

NAVAL SEA SYSTEMS COMMAND

How the Navy is tapping management potential. John Walker Hartigan. illus Def Mgt J 15:28-33 Jul-Aug '79

NAVAL STATIONS see Naval BasesNAVAL WAR COLLEGE

The Marine Corps' War College. Maj M.T. Hopgood, Jr. illus tab MarCor Gaz 63:26-32 Jun '79

History

Stephen Bleecker Luce and the Naval War College. CAPT Kay Russell. illus Nav War Col Rev 32:20-41 Mar-Apr '79

NAVAL WARFARE

The Soviet approach to naval warfare. CAPT William J. Ruhe, Ret. illus Natl Def 63:50-51+ May-Jun '79

NAVAL YARDS see Naval BasesNAVIGATION

See also specific types of navigation, e.g., Space Navigation

Berlin Airlift: Flying the corridors. Maj Charles W. Specht. illus maps Navigator 26:27-31 Winter '79

Instrument airdrop capability. Maj Jay A. Weiss. illus Navigator 26:24-25 Winter '79

Modern navigational systems. John Marriott. illus NATO's Fifteen Nations 24:72-73+ Aug-Sep '79

SRAM programming. Capt George J. Ferren. illus Navigator 26:16-18 Winter '79

History

Bomber navigation. Norman W. Emmott. (Reprinted from United States Naval Institute Proceedings, May 1969) illus Navigator pt 1, 25:22-25 Winter '78; pt 2, 26:25-28 Spring '79

Study and Teaching

Low level navigation: A fresh approach. Capt John Miller. illus USAF Ftr Wpns Rev, pp 9-16, Spring '79

NAVIGATION, AIR

The plastic overlay trick--alternate rendezvous method. Maj John M. Ravenel. illus tabs Navigator 26:12-13 Spring '79

The Royal way--determining the most probable position. Capts Kent Edie and Mike Martini. illus tabs Navigator 26:5-8 Spring '79

Time. Capt Craig D. Voss. illus Navigator 26:24 Spring '79

What's a ring laser gyro? Capt John T. Boeck, Jr. illus Navigator 26:18-20 Spring '79

NAVIGATION, CELESTIAL

Is there a future of celestial navigation in the Navy? P.K. Seidelmann and Sidney Feldman. illus US Nav Inst Proc 105:98-100 Mar '79

NAVIGATION, INERTIAL

Statistical filtering. James J. Hairston. illus tabs Navigator 26:9-10 Spring '79

NAVIGATION, INTERPLANETARY see Space NavigationNAVIGATION INSTRUMENTS

See also specific types of instruments, e.g., Sextants

(New space navigation instrument--space sextant) illus Signal 33:190 May-Jun '79

Technical navigational aids. Capt A. Lavrentyev. Soviet Mil Rev No. 6:45-56 Jun '79

You've come a long way, nav! Capt Drew Riolo. illus Interceptor 21:18-19 Aug '79; Aerosp Safety 35:2-5 Sep '79

NAVIGATION SYSTEMSSee also

Loran
Tacan

Airborne navigation systems: Big changes ahead. Yves Robins. illus NATO's Fifteen Nations 24:98+ Apr-May '79

Long range navigation systems: Improvements ahead. Yves Robins. illus Aerosp Intl 15:21-24 Jun-Jul '79

Modern navigational systems. John Marriott. illus NATO's Fifteen Nations 24:72-73+ Aug-Sep '79

Tactical pos/nav (positioning/navigation) for the 1990 air/land battlefield. (Convention panel, AFCEA, Washington, June 21, 1979) Kostas J. Liopiros and others. illus tabs Signal 33:118-120 Aug '79

NAVIGATORS

Is half a chance better? Maj Roger M. Miller. illus Navigator 26:24-25 Summer '79

Major push on to place more navs in key slots. M.L. Craver. AF Times 39:1+ Apr 9 '79

More women to get pilot, navigator training. AF Times 40:23 Nov 26 '79

The nav calculator? Capt Bruce J. Savaglio. illus Navigator 26:26-27 Summer '79

Navigator management. LtCol James F. Willette. illus tabs Navigator 26:5-9 Winter '79

Navigator role improving--more than ever fill command slots. M.L. Craver. AF Times 40:3 Sep 3 '79

Navs' future looks bright. M.L. Craver. AF Times 39:4 May 7 '79

Pilot production to rise sharply. AF Times 39:27 Apr 9 '79

NAVIGATORS - Continued

The Reserve tanker navigator. Capt Richard A. Stewart. illus Navigator 26:22-24 Winter '79

The townfinders. LtCol Jim Beavers, Ret. illus AF Mag 62:96-100 Sep '79

You've come a long way, nav! Capt Drew Riolo. illus Interceptor 21:18-19 Aug '79; Aerosp Safety 35:2-5 Sep '79

Education and Training

Getting hooked on ground missions. Capt William H. Jackson. illus Navigator 26:22-23 Spring '79

The new concept in UNT. LtCol Jack G. Wilson. illus Navigator 26:14-15 Spring '79

New course for navigators (at Mather AFB, CA). Capt Dick Sheffield. illus Airman 23:19-22 Jun '79

Senior navigator of the unit. MajGen N. Ya. Kondrat'yev. (Trans from a Russian publication; reprinted from Navigator, Dec 1961) illus Navigator 26:19-21 Winter '79

NAVY

See also subdivision Navy under specific subjects, e. g.,
Appropriations and Expenditures--Navy--U. S.

Exhibitions

Europort (17th International Maritime Exhibition and Conference) 1978. Chris Eliot. illus NATO's Fifteen Nations 23:116-118 Dec '78-Jan '79

Forces, Squadrons, etcUnited States

The best ambassador: Rear Admiral Cotton and the cruise of the European Squadron, 1903. William J. Hourihan. illus Nav War Col Rev 32:63-72 Jul-Aug '79

Australia

An amphibious heavy lift ship for the Royal Australian Navy. Comdr P. J. M. Shevlin. illus tab US Nav Inst Proc 105:115-116 Aug '79

U.S. and Australian Navies communications interoperability--an indispensable requirement for the Australian Navy. Commodore John A. Robertson, Ret. illus Signal 33:61-63+ May-Jun '79

Belgium

The Belgian Navy. VAdm J. P. L. Van Dijck. illus tabs NATO's Fifteen Nations 23:45-49 Special Issue '78

Brazil

Amazon patrol. LT Douglas R. Burnett. illus map US Nav Inst Proc 104:50-57 Dec '78

Canada

Canada's maritime forces. Adm R. H. Falls. illus NATO's Fifteen Nations 23:56-60 Special Issue '78

History

Canada's maritime forces. Adm R. H. Falls. illus NATO's Fifteen Nations 23:56-60 Special Issue '78

NAVY - ContinuedChina (People's Republic)

A Chinese commentary on Mahan's theory of sea-power. CDR Francis J. Romance. illus US Nav Inst Proc 105:110-112 Apr '79

Denmark

The Danish Royal Navy. VAdm Sven Thostrup. illus NATO's Fifteen Nations 23:61-63 Special Issue '78

History

The Danish Royal Navy. VAdm Sven Thostrup. illus NATO's Fifteen Nations 23:61-63 Special Issue '78

Egypt

Maritime Egypt: An island in a sea of sand. CAPT Peter F. Block, Ret. illus map US Nav Inst Proc 105:62-69 Aug '79

France

The French Navy. Charles Latour. illus tab NATO's Fifteen Nations 23:112-113+ Special Issue '78

Exhibitions

Le Bourget Navale 1978. illus NATO's Fifteen Nations 23:102+ Dec '78-Jan '79

The 1978 French Naval Exhibition. illus tab Intl Def Rev 12, No. 1:91-98 '79

GermanyHistory

The origins and role of German naval history in the inter-war period, 1918-1939. Keith W. Bird. illus Nav War Col Rev 32:42-58 Mar-Apr '79

Germany (Federal Republic)

German Navy in the Alliance. VAdm Günter Luther. illus NATO's Fifteen Nations 23:51-52+ Special Issue '78

The German Navy's mine warfare forces. Udo Philipp. illus tab Intl Def Rev 12, No. 2:219-224 '79

The Vosper 62-m high-speed corvette. Brian Morrison. illus tabs Intl Def Rev 12, No. 3:380-382 '79

Great Britain

The naval balance: Quality versus quantity. VAdm James Eberle. RUSI J for Def Studies 123:56-59 Dec '78

The Royal Navy and NATO. Adm Terence Lewin. illus NATO's Fifteen Nations 23:92-94+ Special Issue '78

The Royal Navy's Invincible-class cruisers. R. B. Pengelley. illus Intl Def Rev 12, No. 8:1335-1340 '79

Undine and the airman. Victor Hicken. illus Aerosp Hist 26:40-44 Mar '79

Exhibitions

Royal Navy Equipment Exhibition '79: A new venue, a new approach. illus Intl Def Rev 12, No. 9:1559-1566 '79

NAVY - ContinuedGreat Britain - Cont'dHistory

Intransigent, indomitable Horatio Nelson. CDR William J. Mitchell. illus US Nav Inst Proc 105:78-80 Oct '79

Lawrence of Arabia's debt to seapower. CDR Charles L. Parnell. tabs map illus US Nav Inst Proc 105:75-83 Aug '79

The role of the Royal Navy in the Napoleonic Wars after Trafalgar, 1805-1814. David Syrett. illus Nav War Col Rev 32:71-84 Sep-Oct '79

The Trafalgar syndrome: Jutland and the indecisiveness of modern naval warfare. Maj J.A. English. illus Nav War Col Rev 32:60-77 May-Jun '79

Greece

The Hellenic Navy. illus NATO's Fifteen Nations 23:64-66 Special Issue '78

History

The Hellenic Navy. illus NATO's Fifteen Nations 23:64-66 Special Issue '78

Italy

An advanced technology minehunter from Italy. Michael S.K. Trimming. illus tabs Intl Def Rev 12, No.2:215-218 '79

Italy--the Navy in the Mediterranean environment. Adm Giovanni Torrisi. illus NATO's Fifteen Nations 23:80-83 Special Issue '78

NATO

Maritime aspects of the northern flank. VAdm James Jungius. illus RUSI J for Def Studies 123:17-19 Dec '78

NATO Sea Sparrow. Jeffrey A. Krukin. illus Natl Def 63:38-40 Jan-Feb '79

Soviet strategy and NATO's northern flank. CAPT William K. Sullivan. illus Nav War Col Rev 32:26-38 Jul-Aug '79

Netherlands

The Royal Netherlands Navy. VAdm B. Veldkamp. illus NATO's Fifteen Nations 23:72-74+ Special Issue '78

History

The Royal Netherlands Navy. VAdm B. Veldkamp. illus NATO's Fifteen Nations 23:72-74+ Special Issue '78

Nigeria

German landing ships for Nigeria. R.J.L. Dicker. illus tab Intl Def Rev 12, No.7:1187-1188 '79

Norway

The Norwegian Navy. RAdm Charles Oluf Herlofson. illus NATO's Fifteen Nations 23:84-87 Special Issue '78

NAVY - ContinuedPortugal

The Portuguese Navy. Adm A. Souto Cruz. illus tab NATO's Fifteen Nations 23:88-90 Special Issue '78

Russia

Admiral Gorshkov--naval genius or political opportunist? illus Intl Def Rev 12, No.5:719-720 '79

Assessing the Soviet Navy. Steven E. Miller. illus tabs Nav War Col Rev 32:56-70 Sep-Oct '79

Attacking the weakest link: The anti-support role of Soviet naval forces. LCDR Floyd D. Kennedy, Jr. illus Nav War Col Rev 32:48-55 Sep-Oct '79

British admiral warns of Soviet naval threat. Jay Finegan. AF Times 40:62 Nov 5 '79

Cam Ranh revisited: 'Sweet water' for USSR? L. Edgar Prina. illus Sea Power 22:18-22 May '79

The growing Soviet amphibious warfare capability. CAPT Mathew J. Whelan. illus tab US Nav Inst Proc 105:111-115 Aug '79

Increasing Soviet naval power--what's the bottom line? illus tabs Elect Warfare/Def Elect 11:54-55+ Apr '79

Maritime aspects of the northern flank. VAdm James Jungius. illus RUSI J for Def Studies 123:17-19 Dec '78

Moscow's quest for naval facilities in the Mediterranean. Milan Vego. illus map Def & For Aff Dig 7, No.12:10-15+ '79

Naval power and Soviet global strategy. Michael McGwire. Intl Sec 3:134-189 Spring '79

(61st Annual Meeting, American Defense Preparedness Assoc, Arlington, VA, May 17, 1979) illus Natl Def 64:60-69 Jul-Aug '79

Soviet ASW--highly capable or irrelevant? Norman Polmar. illus tabs Intl Def Rev 12, No.5:721-729 '79

Soviet access to Cam Ranh Bay: Political and military implications. Tai Sung An. illus map US Nav Inst Proc 105:111-113 Sep '79

The Soviet anti-SLOC (Sea Lines Of Communications) mission. CAPT Mathew J. Whelan. illus US Nav Inst Proc 105:110-113 Feb '79

Soviet bases in Vietnam: Implications for the Seventh Fleet. LCDRs William H. Walls and Edwin R. McDaniel. illus US Nav Inst Proc 105:113-116 Sep '79

Soviet naval buildup continues at flank speed. L. Edgar Prina. illus Sea Power 22:36-37 Feb '79

The Soviet Navy. Capt J.E. Moore. illus NATO's Fifteen Nations 24:52-54+ Aug-Sep '79

The Soviet Navy and forward deployment. Gary Charbonneau. illus tabs US Nav Inst Proc 105:34-40 Mar '79

Soviet projection capabilities: A view from North of the border. C.G. Jacobsen. illus tab Nav War Col Rev 32:95-104 Mar-Apr '79

NAVY - ContinuedRussia - Cont'd

Superpower naval disengagement in the Mediterranean. Ken Booth. illus RUSI J for Def Studies 124: 28-35 Jun '79

True to tradition. VAdm V.Sidorov. illus Soviet Mil Rev No.2:8-12 Feb '79

What makes up combat efficiency. Capt I.Ivanov. illus Soviet Mil Rev No.7:3-5 Jul '79

History

Russia's struggle for maritime prestige during the era of navalism. Comdr Dieter Matthei. illus tab Nav War Col Rev 32:18-28 Sep-Oct '79

The Soviet Navy. Capt J.E.Moore. illus NATO's Fifteen Nations 24:52-54+ Aug-Sep '79

Support from the sea. Capt A.Basov. illus map Soviet Mil Rev No.7:34-36 Jul '79

Sweden

GRP sandwich: A new shipbuilding material from Sweden. R.J.L.Dicker. illus Intl Def Rev 12, No.2:213-214 '79

The Hugin-class FPB: An integral element of Swedish naval defense. R.J.L.Dicker. illus map tab Intl Def Rev 12, No.2:207-212 '79

Third World

Special problems of navies in developing countries. Comdr Raja Menon. illus US Nav Inst Proc 105: 70-74 Aug '79

Third World navies: New weight in the balance of power. LTJG Rolly L.Chambers. illus US Nav Inst Proc 105:116-119 Aug '79

Turkey

Turkey and the Turkish naval forces in NATO. Adm Bülent Ulusu. illus NATO's Fifteen Nations 23: 100-103 Special Issue '78

United StatesSee also

Military Sealift Command

also specific fleets, e.g.,
Fleet, 6th

Admiral Hayward cites capabilities in late 1980s. illus Officer 55:10-11 Jul '79

The beleaguered Navy. John T.Hayward. Govt Exec 11:12+ Jan '79

Bring back the (Construction) Corps. RADM Philip W.Snyder, Ret. illus US Nav Inst Proc 105:48-55 Feb '79

Designing the Navy's shore installations. RADM Donald G.Iselin. illus map Mil Engr 71:6-10 Jan-Feb '79

Designing to a cost: An update on Navy initiatives. Joseph F.Grosson. illus Def Mgt J 15:7-9 Jan '79

Destroyers for the 21st century. CDR David G.Clark. illus US Nav Inst Proc 105:24-33 Mar '79

NAVY - ContinuedUnited States - Cont'd

ESM (Electronic Support Measures) in today's Navy. illus Mil Elect/Countermeasures 5:32+ Aug '79

The fifth fleet: A permanent U.S. Indian Ocean force? L. Edgar Prina. illus Sea Power 22:26-29 Apr '79

A fifth fleet for the Indian Ocean. RADM Robert J. Hanks, Ret. US Nav Inst Proc 105:98+ Aug '79

The future of U.S. sea power. ADM Thomas B.Hayward. illus US Nav Inst Proc 105:66-71 May '79

Hidalgo now Navy Secretary. illus Officer 55:13 Nov '79

Hidalgo tapped to succeed Claytor as SecNav. L. Edgar Prina. illus Sea Power 22:21-22 Oct '79

How to improve a great Navy. PNCM William M. Keough, Ret. illus US Nav Inst Proc 105:34-35 Oct '79

Improving weapons in the fleet. LCDR Robert J. Massey, Ret and others. illus US Nav Inst Proc 105:55-61 Mar '79

Inflation versus the U.S. Navy. LCDR Rene E. Gonzalez, Jr. illus US Nav Inst Proc 105:36-39 Oct '79

Navy reels from budget cuts and inflation, may face 300-350 ship force in year ahead. Benjamin F. Schemmer. illus Armed Forces J Intl 117:34+ Oct '79

Navy surface EW: Lots of attention in chip program. Murry Shohat. illus Mil Elect/Countermeasures 5:80+ Aug '79

The Navy's civilian ships. Larry C.Manning and Louis R.Granger. illus US Nav Inst Proc 105:49-55 Nov '79

The 1978 carrier controversy: Why not the Kennedy? Scott C.Truver. tabs illus Nav War Col Rev 32: 59-67 Feb '79

The ombudsman: Who needs her? Harriet M.Howe. illus US Nav Inst Proc 105:104-107 Feb '79

Planning for the Navy's future. Francis J.West, Jr. illus tabs US Nav Inst Proc 105:26-33 Oct '79

Pricing ourselves out of the market: The attack submarine program. CAPT Linton F.Brooks. illus tab Nav War Col Rev 32:2-17 Sep-Oct '79

The role of high-speed ships in the U.S. Navy. RADM George G.Halvorson. illus US Nav Inst Proc 105: 33-41 Jan '79

SALT and the Navy. LT James L.George, Ret. illus tabs US Nav Inst Proc 105:28-37 Jun '79

Scrapping our World War II Navy. Mel Fredeen. illus US Nav Inst Proc 105:63-73 Feb '79

Sea services. Regular feature in issues of National Defense beginning with November-December 1979

Seafarer, the force multiplier. Jacqueline Srouji. Def & For Aff Dig 7, No.3:10-11+ '79

Setting shipboard priorities. LCDRs Kenneth R. McGruther and John P.Morse. illus US Nav Inst Proc 105:36-41 Feb '79

NAVY - Continued

United States - Cont'd

- South Pole dome revisited. Don L. Richter. illus Mil Engr 71:2-5 Jan-Feb '79
- Superpower naval disengagement in the Mediterranean. Ken Booth. illus RUSI J for Def Studies 124: 28-35 Jun '79
- System effectiveness in the U.S. Navy. W.J. Willoughby, Jr. illus Signal 33:20-22 Jul '79
- Tactical complacency: Change now or fail later. LCDR Miles A. Libbey III. illus US Nav Inst Proc 105:36-43 Apr '79
- Tomorrow's fleet. CDR John D. Alden, Ret. illus tabs US Nav Inst Proc 105:115-123 Jan '79
- USMC and USN: Getting along. Maj G.D. Andresen. MarCor Gaz 63:20-21 Aug '79
- U.S. and Australian Navies communications interoperability--an indispensable requirement for the Australian Navy. Commodore John A. Robertson, Ret. illus Signal 33:61-63+ May-Jun '79
- U.S. defense policy: The problem is not more money. Steven L. Canby. tabs AEI For Plcy & Def Rev 1, No. 3:23-36 '79
- U.S. naval forces and the northern flank of NATO. F.J. West, Jr. illus tabs Nav War Col Rev 32: 15-25 Jul-Aug '79
- The United States Navy. ADM Thomas B. Hayward. illus NATO's Fifteen Nations 23:104-108+ Special Issue '78
- The U.S. Navy: Cruisers and destroyers. Norman Polmar. illus tab US Nav Inst Proc 105:121-122 Jun '79
- The U.S. Navy: Electronic warfare. Norman Polmar. US Nav Inst Proc pt 1, 105:137-138 Oct '79; pt 2, 105:121-123 Nov '79
- The United States Navy shipbuilding program. tabs illus Def Monitor 8: entire issue May '79

History

- The all-volunteer force in 1798. LT Daniel N. Wood. illus US Nav Inst Proc 105:45-48 Jun '79
- The best ambassador: Rear Admiral Cotton and the cruise of the European Squadron, 1903. William J. Hourihan. illus Nav War Col Rev 32:63-72 Jul-Aug '79
- The "capture" of Monterey in 1842. Frank W. Gapp. illus US Nav Inst Proc 105:46-54 Mar '79
- Department of Defense operations during the Cuban Crisis. Adam Yarmolinsky. Nav War Col Rev 32: 83-99 Jul-Aug '79
- Marlinspike diplomacy: The Navy in the Mediterranean, 1904. William J. Hourihan. illus US Nav Inst Proc 105:42-51 Jan '79
- Pearl Harbor aftermath. CAPT Wilfred J. Holmes, Ret. illus US Nav Inst Proc 104:68-75 Dec '78
- The 1782 American-Spanish Expedition. Eric Beerman. illus US Nav Inst Proc 104:86-87 Dec '78

NAVY - Continued

United States - Cont'dHistory - Cont'd

- Submarine under sail. Henry Douglas Wilkinson. illus US Nav Inst Proc 105:77-79 Jun '79
- The United States Navy. ADM Thomas B. Hayward. illus NATO's Fifteen Nations 23:104-108+ Special Issue '78

NAVY EXCHANGES see Exchanges--NavyNAVY LEAGUE

- Navy League of the United States declaration of principles and objectives (as adopted at the National Convention, Dallas, April 20, 1979). illus Sea Power 22:30-32 May '79
- Navy League 77th Convention, Dallas, TX, 16-21 April. illus Sea Power 22:22-34 Jun '79

Directories

- National directory, Navy League of the United States, 1979-80. Sea Power 22:40-44 Aug '79

NEGOTIATION

- Camp David and its aftermath. John Patrick Walsh. illus Educ J 21:54-71 '78/'79
- How to deal with the Russians: The basics of negotiation. Clare Boothe Luce. AF Mag 62:30-33 Apr '79
- The looking-glass world of international programs. LtCol David A. Appling. Def Sys Mgt Rev 2:7-18 Spring '79
- A SALT debate: Continued Soviet deception. David S. Sullivan. illus Strat Rev 7:29-38 Fall '79
- A SALT debate: Hard but fair bargaining. Walter Slocombe. illus Strat Rev 7:22-28 Fall '79

NEGROES IN THE ARMED FORCES see Blacks in the Armed ForcesNELSON, Horatio N., Viscount

- Intransigent, indomitable Horatio Nelson. CDR William J. Mitchell. por US Nav Inst Proc 105:78-80 Oct '79

NEUTRON BOMB

- Neutron bomb options. Andrew W. Hull. illus Natl Def 63:34-37+ Jan-Feb '79
- Strategic implications of enhanced radiation weapons--a preliminary analysis. Donald M. Snow. illus AU Rev 30:2-16 Jul-Aug '79
- Tactical nuclear weapons. John Marriott. Army Qtr 108:142-148 Apr '78

NEW YORK CITY

- Intergroup conflict and collective violence: The case of New York City, 1960-July 1964. Daniel J. Monti. tabs J Pol & Mil Sociol 6:147-162 Fall '78

NEWMAN, Aubrey S.

- Coaching can help train leaders. MajGen A.S. Newman. Army 29:53-54 Jun '79
- Integrate work of others. MajGen A.S. Newman. Army 29:49-50 Feb '79

NEWS MEDIA

- Admiral (Ernest J.) King's toughest battle. Lloyd J. Graybar. illus Nav War Col Rev 32:38-47 Feb '79
- Air Force public affairs: Stone walls or stone bridges? Maj Richard J. Oliver. illus AU Rev 30:51-56 Sep-Oct '79
- Press research affects policy. (Remarks, Media-Military Conference, Naval War College, Newport, RI, Nov 29, 1978) Daniel Z. Henkin. AF Plcy Ltr for Comdrs: Sup No. 2:34-40 Feb '79
- Public interest grows. Col Bruce Jacobs. illus Natl Guard 33:20-22+ Jun '79
- The reporters who bring you the defense news--and how they rate the men who make it. Benjamin F. Schemmer and Robin J. Stein. illus tabs Armed Forces J Intl 116:20-22+ Aug '79
- The Soviet military press 1978. John Erickson. Strat Rev 7:83-96 Summer '79
- Vietnam War: 'Misunderstood'--press coverage inaccurate, superficial, according to new study (by Col William V. Kennedy). Jay Finegan. illus AF Times 40:10 Aug 20 '79
- Watching TV news and supporting the military--a surprising impact of the news media. C. Richard Hofstetter and David W. Moore. tabs Armed Forces & Soc 5:261-269 Winter '79
- What to do till the P.A.O. (Public Affairs Officer) arrives. Maj James G. Gibson II. illus MAC Flyer 26:4-5 Dec '79

NEWSPAPERS

- "It's the 'exec syndrome,' the Palace Guard, that really bugs me." (Interview with Harry M. Zubkoff) Benjamin F. Schemmer. illus Armed Forces J Intl 117:34-40 Dec '79
- News and information supplied commercial enterprise publications. TIG Brief 31:20 Mar 23 '79

NICARAGUA

- The bloody (Somoza) dictatorship comes to an end. K. Pavlov. Soviet Mil Rev No. 10:50-51 Oct '79

Politics and Government

- Nicaragua: Post revolution assessment. Michael Morgan. Def & For Aff Dig 7, No. 8:48 '79

NIGHT FIGHTING

- Division attacks by night. Col Yu. Sukhinin. illus Soviet Mil Rev No. 6:16-18 Jun '79
- Night logistics operations. Capts Donald B. Skipper and Edward M. Kane. illus Army Log 11:20-23 Mar-Apr '79
- Night meeting engagement. Col V. Grinyov. illus Soviet Mil Rev No. 3:13-15 Mar '79
- TOW, Dragon and LAW and reduced visibility. Maj Geoffrey G. Prosch. illus Mil Rev 59:50-59 Jul '79

Equipment

- New generation IR/EO devices ready for production. Richard Hartman. illus Elect Warfare/Def Elect 11:58-60+ Feb '79

NIGHT FIGHTING - ContinuedEquipment - Cont'd

- Night training simulations. Paul R. Bleda and Robert W. Bauer. tabs illus Armor 88:39-42 May-Jun '79
- Night work. Capt Pete O'Day. illus TAC Attack 19: 10-12 Nov '79

Study and Teaching

- In the dark of day. (Light-Attenuation Devices (LADs) for simulating night illumination conditions) Paul R. Bleda and Col Anthony Labrozzi. illus Infantry 69:32-34 Mar-Apr '79
- Night training simulations. Paul R. Bleda and Robert W. Bauer. tabs illus Armor 88:39-42 May-Jun '79

NIGHT FLYING

- Low to the ground ... at night ... one-eleven style. Capt Jim Forman. illus Combat Crew 29:10-11 Jun '79
- New eyes for the Giant. (Modifications to the HH-53H helicopter include new radar and navigation systems) Sgt Craig Pugh. illus Airman 23:30-33 Dec '79
- Night work. Capt Pete O'Day. illus TAC Attack 19: 10-12 Nov '79

NOISE

- Aeromedical aspects of otolaryngology. H. H. Hanna. Aviation, Space & Envmt Med 50:280-283 Mar '79
- Be responsive to noise queries! TIG Brief 31:21 Nov 16 '79
- Comm noises spark new system. TSgt O. H. Davis. AF Times 40:32 Nov 5 '79
- Effects of phase manipulation on speech intelligibility through communication headsets. Thomas H. Townsend and Clifford C. Olsen. illus Aviation, Space & Envmt Med 50:355-356 Apr '79
- The medical effects of blast overpressure. Col Leslie B. Altstatt and others. illus Fld Arty J 47:9-12 Mar-Apr '79
- Noise dosimeter measurements in the Air Force. Terry M. Fairman and Daniel L. Johnson. illus tabs Aviation, Space & Envmt Med 50:1150-1157 Nov '79
- The silent treatment. illus Interceptor 21:14-15 Apr '79

NONAPPROPRIATED FUNDS

- Accounting for Air Force nonappropriated funds--does the comptroller really have a role? LtCol Charles L. Martin, Jr. illus Armed Forces Compt 24:8-11 Feb '79
- Congressman (Rep Dan Daniel) criticizes club system. Suzanne Viau. AF Times 40:4 Oct 29 '79
- NAF workers: No o'sea COLA plan. Suzanne Viau. AF Times 39:7 Feb 19 '79
- What about the club? Maj Barry D. Guyse. tabs illus AU Rev 30:74-80 Jan-Feb '79

NONCOMMISSIONED OFFICERSAir Force--France

Many French AF pilots are EM. Paul Smith. illus AF Times 39:12 Jan 29 '79

Air Force--U.S.

Airmen of the Year. illus AF Times 39:10 Jun 11 '79

CCAF tells NCOs to update records. AF Times 40:25 Sep 3 '79

The dynamic dozen. (Air Force's Outstanding Airmen for 1978) Maj Terry A. Arnold. illus Airman 23:30-36 Jan '79

1171 NCOs picked for E-9 promotion. AF Times 39:1+ May 7 '79

Faster NCO hike rate for FY 80. tab AF Times 40:13 Oct 1 '79

Flight pay raise would cover EM. Bruce Callander. AF Times 39:1+ Apr 16 '79

James McCoy named new CMSgt of AF. illus AF Times 39:3 Jul 16 '79

The long & the shorthand of it. (SSgt M.A. (Reese) Goode is an AF stenographer) SSgt M.A. Goode. illus Airman 23:17-19 Oct '79

NCO quotas up; 4729 due hikes in August. Bruce Callander. AF Times 39:1+ Jul 23 '79

Noncom hikes: Everybody up. Bruce D. Callander. AF Times 39:1+ Jun 18 '79

Our outstanding airmen. (Presentation, Outstanding Airmen Dinner, Air Force Assoc National Convention, Washington, Sep 17, 1979) Gen James A. Hill. AF Plcy Ltr for Comdrs: Sup No. 11:15-19 Nov '79

PME: What's wrong with filling a square? TIG Brief 31:6 Aug 17 '79

'Profile' of selectees (for promotion to E-5). AF Times 40:12 Aug 6 '79

Quick E-2 hikes recruiting aid. Len Famiglietti. AF Times 39:1+ Jan 22 '79

Seasoning the sergeants. Maj Charles G. Tucker. illus AF Mag 62:68-72 Apr '79

Sep NCO hikes most in 5 years. Bruce Callander. AF Times 40:1+ Aug 27 '79

Space A EM write-in called unfair. Len Famiglietti. AF Times 40:1+ Aug 27 '79

3500 new E-8s: How picked. tab AF Times 39:4 Jul 9 '79

3450 NCOs go up Dec 1. AF Times 40:8 Nov 26 '79

A tribute to the outstanding twelve. (Outstanding Airmen for 1979) William P. Schlitz. illus AF Mag 62:70-72 Nov '79

20 years of chiefs: The why of supergrades. Bruce Callander. AF Times 40:4 Nov 26 '79

Armed Forces--U.S.

'Indefinite' enlistment surfaces. Bruce Callander. AF Times 39:1+ Jan 15 '79

NONCOMMISSIONED OFFICERS - ContinuedArmy--U.S.

The command sergeant major. CSGM John W. Gillis. illus Armor 88:30-32 Mar-Apr '79

EPMS (Enlisted Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest

Enlisted career news. Regular feature in issues of Air Defense Magazine

Enlisted career notes. Regular feature in issues of Infantry

NCO's first step. PFC Dave Johnson. illus Soldiers 34:24-25 Apr '79

The NCO's role. CSGM Patrick J. Campbell. (Condensed from EurArmy, Sep 1978) Armor 88:51-52 May-Jun '79

New Sergeant Major of the Army (SMA William A. Connelly). illus Soldiers 34:2 Jul '79

Performance-paced instruction and the air defense NCO. MSgt William A. Chapman. Air Def Mag, p 7, Oct-Dec '79

Portrait of a first sergeant (Isaac Guest, Jr). MSgt Matt Glasgow. illus Soldiers 34:28-34 Aug '79

The soldier remains our ultimate weapon. SMA William A. Connelly. illus Army 29:23-24 Oct '79

Top Army positions change: Gen Meyer named new Chief of Staff, CSGM Connelly SMA. illus Army 29:11 Jul '79

Marine Corps--U.S.

Sergeant Major (of the Marine Corps, Leland D. Crawford) says do job well, do it honestly. MarCor Gaz 63:2 Oct '79

NONCOMMISSIONED OFFICERS ACADEMIES

Attending NCO Academy: 'Why me?' TIG Brief 31:21 Sep 7 '79

Challenge '79. (Barksdale's (AFB, LA) SAC NCO Academy students test their knowledge on closed-circuit television quiz program) SMSgt Dick Larsen. illus Airman 23:9-11 Oct '79

NCO Academy: A valuable asset. TIG Brief 31:21 Jul 2 '79

NCO's first step. PFC Dave Johnson. illus Soldiers 34:24-25 Apr '79

Seasoning the sergeants. Maj Charles G. Tucker. illus AF Mag 62:68-72 Apr '79

NONCOMMISSIONED OFFICERS CLUBS see Servicemen's ClubsNONRESIDENT TRAINING see Correspondence Schools and CoursesNORMANDY CAMPAIGN, 1944

Another "return to Normandy" marks 35th anniversary of historic D-Day assault in 1944. illus Natl Guard 33:18-19 Feb '79

NORMANDY CAMPAIGN, 1944 - Continued

Command decision. LtCol John G. Fowler, Jr. illus
Mil Rev 59:2-6 Jun '79

D-Day: June 6, 1944. Gen Laurence S. Kuter, Ret.
illus AF Mag 62:96-101 Jun '79

The Luftwaffe wasn't there. Editorial. John F. Loos-
brock. AF Mag 62:6 Jun '79

Rudder's Rangers. LtCol Ronald L. Lane. illus Sol-
diers 34:50-53 Dec '79

NORTH AMERICAN AIR DEFENSE COMMAND

Coordinating with NORAD for ECM clearances. Capt
John B. Linnstaedt. illus map Navigator 26:21-23
Summer '79

Foiling the fakers. (NORAD's Canadian computers)
Capt Dick Sheffield. illus Airman 23:9-11 Feb '79

Joint Manual 55-200: A move towards realistic train-
ing. Capt Rob Clark. illus Interceptor 21:20-23
Oct '79

Night watch at St Margarets. (Unit in Canada uses
sensitive equipment to track satellites for NORAD)
Capt Dick Sheffield. illus Airman 23:30-35 Jun '79

The two faces of Flatrock Hill. (PAVE PAWS radar
site on Cape Cod provides detection and early
warning against sea-launched ballistic missiles)
Capt Dick Sheffield. illus Airman 23:21-24 Oct '79

Vision from the deep. (NORAD's underground facility
in North Bay, Ontario, Canada) Capt Dick Shef-
field. illus Airman 23:2-8 Feb '79

NORTH AMERICAN AVIATION, INC see Rockwell Inter-
national Corp

NORTH AMERICAN ROCKWELL CORP see Rockwell
International Corp

NORTH ATLANTIC TREATY ORGANIZATIONSee also

Allied Command, Atlantic

Allied Command Channel

Allied Command Europe

NATO Integrated Communications System

also subdivision under specific subjects, e.g.,
Defenses--NATO

Address of the Hellenic Minister of Defence for the
30th Anniversary of NATO. Evangelos Averoff-
Tossizza. illus NATO's Fifteen Nations 24:68-69
Oct-Nov '79

Alliance security issues: Today and tomorrow--the
economic dimensions. Martin J. Hillenbrand. illus
NATO's Fifteen Nations 24:122-124+ Oct-Nov '79

The American style of warfare and the military bal-
ance. Edward N. Luttwak. AF Mag 62:86-88 Aug '79

Arms control enters the gray area. Robert Metzger
and Paul Doty. tabs Intl Sec 3:17-52 Winter '78-'79

Army plays major role in NATO C³. Murry Shohat.
illus Mil Elect/Countermeasures 5:28+ Jun '79

Balance and security. Interview. Zbigniew Brzezinski.
illus NATO's Fifteen Nations 24:54-56 Feb-Mar '79

NORTH ATLANTIC TREATY ORGANIZATION -
Continued

Belgium: A fully committed partner. Paul Vanden
Boeynants. illus NATO's Fifteen Nations 24:37+
Oct-Nov '79

Budgets and theater nuclear forces. illus Def & For
Aff Dig 7, No. 10:40-41 '79

Can NATO effect standardization? A European view.
Patrick Wall. illus Def & For Aff Dig 7, No. 4:
18-20+ '79

Can NATO meet its toughest test? Strategic and the-
ater nuclear forces for the 1980s. Justin Galen.
illus tabs Armed Forces J Intl 117:49-50+ Nov '79

Canada's contribution and problems. Paul Hellyer.
illus NATO's Fifteen Nations 24:42-43+ Oct-
Nov '79

Canada's contribution to the defence of Europe. John
Gellner. illus NATO's Fifteen Nations 24:54-57
Apr-May '79

Carter's FY 80 Defense budget meets NATO's 3% real
growth commitment. Benjamin F. Schemmer. tabs
Armed Forces J Intl 116:18-19 Feb '79

Colorado Corsairs over Turkey (in NATO Exercise
Display Determination). MSgt Janet Wright. illus
map Natl Guard 33:12-14+ Nov '79

Communications, command, and control: Changing the
face of force management. Robert J. Hermann.
illus Def Mgt J 14:4-8 Nov '78

Continuous operations in Europe: Feasibility and the
effects of leadership and training. Frederick J.
Manning. Parameters 9:8-17 Sep '79

The credibility of NATO is essential to peace.
W. Scholten. illus NATO's Fifteen Nations 24:81+
Oct-Nov '79

Crystal ball, Mark II (medium range). ACM Christo-
pher Foxley-Norris. Army Qtr 108:278-283 Jul '78

The current budget debate: Implications for defense.
Herschel Kanter. illus tabs Strat Rev 7:40-49
Spring '79

Dawn Patrol. Capt Ernie Stepp. illus Air Reservist
31:16 Aug-Sep '79

Defense adviser for NATO affairs (Ambassador R. W.
Komer). illus Natl Def 63:5 Jan-Feb '79

The East-West theatre balance in Europe. Interna-
tional Institute for Strategic Studies. tabs AF Mag
62:120-125 Dec '79

Eurocommunism and the future of the Atlantic Al-
liance. (Sir Robert Brooke-Popham Prize Essay)
SqLdr B. E. Nunn. illus Hawk No. 39:19-26 Win-
ter '78-'79

The Euronuclear balance of forces. Hubertus Hoff-
mann and Rolf Steinrücke. illus NATO's Fifteen
Nations 24:169-171+ Oct-Nov '79

Financial and economic data relating to NATO de-
fence. Tables only. NATO's Fifteen Nations 24:
196-197 Oct-Nov '79

NORTH ATLANTIC TREATY ORGANIZATION - Continued

- Flaws in I.I.S.S. (International Institute for Strategic Studies) "Military Balance" cause major problems for NATO. Justin Galen. tab Armed Forces J Intl 117:16-17+ Dec '79
- France and NATO: An ambiguous relationship. G. Chambost. illus Intl Def Rev 12, No. 4:526-530 '79
- The German aspect. Hans Apel. illus NATO's Fifteen Nations 24:56-58+ Oct-Nov '79
- Getting traffic moving on NATO's two-way street. Maj Dennis M. Drummond. illus AU Rev 30:26-34 Sep-Oct '79
- Iceland's role in NATO. Benedikt Gröndal. illus NATO's Fifteen Nations 24:70 Oct-Nov '79
- Implications of communications sophistication for NATO naval C². Wilson N. Felder and Paul Skarlatos. Signal 33:51-54 Apr '79
- Improving NATO through armaments collaboration. Interview. Walter B. LaBerge. illus Signal 33: 43-45 Apr '79
- In focus. Regular feature in issues of Air Force Magazine
- The inoperability of interoperability? Thomas A. Callaghan, Jr. Armed Forces J Intl 116:36 Apr '79
- Instability and change on NATO's southern flank. CSIA European Security Working Group. Intl Sec 3:150-177 Winter '78-'79
- Interoperability of maintenance support. 1stLt Roger L. Carter. illus tab Army Log 11:14-17 May-Jun '79
- Is the NATO Alliance structure appropriate for the 1980s? John J. Clark. illus Mil Rev 59:25-34 Apr '79; Def & For Aff Dig 7, No. 4:36-39 '79
- Is there really a better way to win a war in Europe? Maj Charles W. Specht. AU Rev 31:74-77; Responses. William S. Lind. 31:77-79; Russell F. Weigley. 31:79-80; LtGen Raymond B. Furlong, Ret. 31:80-81 Nov-Dec '79
- Italy in the Alliance--a constant partner. Attilio Ruffini. illus NATO's Fifteen Nations 24:72+ Oct-Nov '79
- The key is ALCE (AirLift Control Element). SMSgt Dick Larsen. illus Airman 23:38-40 Feb '79
- Lessons of the past and the "Chinese card." Col O. Reheshevsky. Soviet Mil Rev No. 8:36-39 Aug '79
- Logistics cooperation in NATO through NAMSA (NATO Maintenance and Supply Agency). Harry S. Spaulding. illus tabs Signal 33:25-27 Apr '79
- Looking ahead. Robert Komer. Intl Sec 4:108-116 Summer '79
- The looking-glass world of international programs. LtCol David A. Appling. Def Sys Mgt Rev 2:7-18 Spring '79
- Luxembourg--smallest partner of the Alliance. Emile Kriepe. illus NATO's Fifteen Nations 24:77-78 Oct-Nov '79

NORTH ATLANTIC TREATY ORGANIZATION - Continued

- Maritime aspects of the northern flank. VAdm James Jungius. illus RUSI J for Def Studies 123:17-19 Dec '78
- Market imperatives of NATO cooperation. Thomas A. Campobasso. Signal 33:37-39 Apr '79
- Meeting the theater nuclear test: (Gen) Alexander Haig's call for pragmatic leadership. Alexander Scott. illus Armed Forces J Intl 117:65-66 Nov '79
- NATO, a dangerous and hopeless course. Col V. Katerinich. illus Soviet Mil Rev No. 3:50-52 Mar '79
- NATO commanders view C³. Gen Herman F. Zeiner and others. Signal 33:10-12 Apr '79
- NATO logistics. LtGen Eivind H. Johansen. illus Translog 10:2-4 Apr '79
- The NATO long term defense program. Norman Gray. Signal 33:29-30 Apr '79
- NATO long term planning: The challenge of the future to the Alliance. LtGen Lothar Domröse. illus tabs NATO's Fifteen Nations 24:114+ Oct-Nov '79
- NATO necessity: Arms cooperation. William J. Perry. illus Command Plcy 2:2-7 Sep '79
- NATO needs: A challenge to industries. (Remarks, Electronics Industries Symposium, Los Angeles, Oct 25, 1978) BrigGen Walter B. Ratliff. AF Plcy Ltr for Comdrs: Sup No. 2:16-26 Feb '79
- NATO: On turning thirty. George S. Vest. Signal 33: 21-22 Apr '79
- NATO overview: A grim assessment of the new challenges facing the Alliance. James D. Hessman. illus Sea Power 22:31-35 Oct '79
- (NATO) past and present. Dirk U. Stikker. illus NATO's Fifteen Nations 24:30-31 Oct-Nov '79
- NATO South: The forgotten flank. James D. Hessman. illus Sea Power 22:17-22 Sep '79
- NATO standardization and interoperability--a time for involvement. (Address, Washington Chapter, American Defense Preparedness Assoc, Arlington, VA, Oct 13, 1978) John J. Ford. illus Natl Def 63:44-46+ Jan-Feb '79
- NATO standardization: Panacea or plague? Capt John L. Clarke. illus Mil Rev 59:59-65 Apr '79
- NATO: The next 30 years--an Anniversary reflection. Frederick Bonhart. illus NATO's Fifteen Nations 24:192+ Oct-Nov '79
- NATO's lost decade. Justin Galen. illus map tabs Armed Forces J Intl pt 1, How the United States gave the Warsaw Pact a surprise attack capability. 115:19-20+ Jun '78; pt 2, Restoring the NATO-Warsaw Pact balance: "The art of the impossible." 116:32-34+ Sep '78; pt 3, Keeping the transatlantic bargain: The last chance for forward defense. 116:30+ Dec '78; pt 4, NATO's theater nuclear dilemma: A new set of crucial choices. 116:16+ Jan '79; pt 5, NATO's national opportunities: France and the Iberian Peninsula. 116:37-39+ Apr '79

NORTH ATLANTIC TREATY ORGANIZATION -

Continued

- NATO's 30th Anniversary. Gen L.L. Lemnitzer, Ret. illus NATO's Fifteen Nations 24:32-33 Oct-Nov '79
- New variations on old themes. Stanley Hoffmann. Intl Sec 4:88-107 Summer '79
- The North Atlantic Treaty. International Institute for Strategic Studies. illus tabs AF Mag 62:74-76+ Dec '79
- The North Atlantic Treaty's fatal flaw. Thomas A. Callaghan, Jr. illus NATO's Fifteen Nations 24:144-146+ Oct-Nov '79
- Northern flank could come unglued. MarCor Gaz 63:10 Aug '79
- Norway--strategic focal point on the northern flank. Rolf Hansen. illus NATO's Fifteen Nations 24:91-94 Oct-Nov '79
- The nuclear dilemma. Gen Johannes Steinhoff, Ret. illus NATO's Fifteen Nations 24:110+ Oct-Nov '79
- Nuclear mid-range systems and the NATO confidence gap. Editorial. Walter F. Hahn. Strat Rev 7:8-10 Spring '79
- OMB's FY 80 goal close to NATO 3%; DOD's \$137.7-billion request exceeds it. Benjamin F. Schemmer. tab Armed Forces J Intl 116:6+ Jan '79
- Obligations and uncertainties in the Mediterranean. Gen T.R. Milton, Ret. illus map AF Mag 62:58-63 Sep '79
- Portugal--a new society strengthens the Alliance. José Alberto Loureiro dos Santos. illus NATO's Fifteen Nations 24:96-97 Oct-Nov '79
- Reflections on the North Atlantic Alliance. Harold Brown. illus NATO's Fifteen Nations 24:104-105+ Oct-Nov '79
- The Russians aren't scaring NATO. Jay Finegan. AF Times 39:12 Apr 2 '79
- SALT, strategy and Atlantic relations. Phil Williams. RUSI J for Def Studies 124:50-54 Mar '79
- Seen from Britain. Francis Pym. illus NATO's Fifteen Nations 24:100-102 Oct-Nov '79
- Small-caliber ammunition: The way of the future for NATO. Maj M.N. Geoffrey Hutton. illus tabs Mil Rev 59:26-33 Oct '79
- Spain and NATO. (Sir Robert Brooke-Popham Prize Essay) SqLdr D. C. Martin. illus Hawk No. 39:29-35 Winter '78-'79
- Special report: Defense electronics exports. illus tabs Def Elect 11:58-62+ May '79
- Standardization: In search of the Holy Grail. Capt Richard M. Saunders. illus Army 29:14-20 Feb '79
- Strategy and stability. Interview. Gen David C. Jones. illus NATO's Fifteen Nations 24:27 Apr-May '79
- Tactical air power in armored warfare--the divergence within NATO. Steven L. Canby. illus AU Rev 30:2-20 May-Jun '79

NORTH ATLANTIC TREATY ORGANIZATION -

Continued

- Technology transfer in a competitive environment. Charles S. Haughey. Def Sys Mgt Rev 2:27-34 Winter '79
- Transatlantic science--a unique programme. Nimet Özdağ. illus NATO's Fifteen Nations 24:181-182+ Oct-Nov '79
- Turkey: NATO partner in a changing world. Gündüz Ökcün. illus NATO's Fifteen Nations 24:98-99 Oct-Nov '79
- Unbreakable alliance of fraternal armies. LtGen A. Mitrofanov. Soviet Mil Rev No. 5:8-10 May '79
- U.S. Army, Europe, hones NATO's cutting edge. Gen Frederick J. Kroesen. illus Army 29:44-47 Oct '79

Foreign Policy

- The South Atlantic in NATO's plans. V. Yefremov. Soviet Mil Rev No. 4:52-53 Apr '79

Foreign RelationsSouth Africa (Republic)

- NATO's alliance with racists. N. Polyakov. illus Soviet Mil Rev No. 2:52-53 Feb '79

History

- NATO at 30--still an instrument of peace. J. King Cruger. (Reprinted from Stars & Stripes, April 3, 1979) illus Officer 55:26-29 Oct '79

Organization

- Allied Air Forces Central Europe. Interview. Gen John W. Pauly. illus NATO's Fifteen Nations 23:81-88 Dec '78-Jan '79
- The Allied Command Naval Forces Baltic Approaches. VAdm Horst von Schroeter. illus NATO's Fifteen Nations 23:36-39 Special Issue '78
- NATO's Allied Command Atlantic. ADM Harry D. Train. illus NATO's Fifteen Nations 23:24-27 Special Issue '78
- NATO's Channel Command. Adm Henry Leach. illus NATO's Fifteen Nations 23:30-31+ Special Issue '78
- STRIKFORSOUTH (Naval Striking and Support Force Southern Europe). John Marriott. illus tab NATO's Fifteen Nations 23:22-24+ Dec '78-Jan '79
- The southern flank of NATO. ADM Harold E. Shear. illus NATO's Fifteen Nations 23:17-20 Dec '78-Jan '79
- What about multinational corps in NATO? One example: NATO Corps LANDJUT. Col Wolfgang Gerhardt. illus chart map Mil Rev 59:10-16 Mar '79

NORWAY

- Army Guard training in Norway sharpens winter warfare skills. illus Natl Guard 33:14-16+ Jun '79

NORWAY - ContinuedForeign RelationsRussia

Changing perspectives in the North: The impact of resource discoveries and modern weapons technology. Eivind Berdal. illus NATO's Fifteen Nations 24:73-76 Jun-Jul '79

Strategic Importance

Norway--strategic focal point on the northern flank. Rolf Hansen. illus NATO's Fifteen Nations 24:91-94 Oct-Nov '79

NUCLEAR ACCIDENTS see Accidents, Nuclear

NUCLEAR BOMBSSee also

Neutron Bomb

Terrorists, atoms and the future: Understanding the threat. Augustus R. Norton. illus Nav War Col Rev 32:30-50 May-Jun '79

Effects

(Sen Alan) Cranston: Declassify blast records--many vets 'have no chance to prove claims.' AF Times 39:27-28 Jun 18 '79

Soviet-United States civil defense--tipping the strategic scale? Maj Thad A. Wolfe. illus tabs maps AU Rev 30:40-55 Mar-Apr '79

VA to reconsider A-test claims. AF Times 39:4 Jul 2 '79

Testing

VA to reconsider A-test claims. AF Times 39:4 Jul 2 '79

NUCLEAR ENERGY PLANTS

Here are entered articles on the facilities and means used in the production of electrical power by use of nuclear energy.

Nuclear crisis: Plans called sketchy. Suzanne Viau. AF Times 39:17 Apr 30 '79

Russia

Nuclear power engineering. LtCol E. Nikolayev. illus Soviet Mil Rev No.9:6-7 Sep '79

NUCLEAR POWER

Is an energy policy possible? Harry H. Wetzell. Govt Exec 11:25+ Nov '79

International Aspects

The procupine theory of nuclear proliferation: Shortening the quills. Louis René Beres. illus Parameters 9:31-37 Sep '79

NUCLEAR POWER PLANTS

Nuclear power engineering. LtCol E. Nikolayev. illus Soviet Mil Rev No.9:6-7 Sep '79

NUCLEAR TEST BAN

CTB (Comprehensive Test Ban): A precedent in restricting inquiry? M.R. Gustavson. AF Mag 62:118 Jun '79

Concerning a comprehensive nuclear test ban. Maj John J. Politi. illus Parameters 8:73-85 Dec '78

NUCLEAR WARFARE

After the bomb ... too many unknowns. tab AF Times 39:31 Jun 11 '79

Can Western Europe be defended by conventional means? LtCol Norbert Hannig, Ret. illus tabs Intl Def Rev 12, No. 1:27-34 '79

The debate on theatre nuclear weapons and limited nuclear war--and the future. C.E. Norden. Army Qtr 108:391-403 Oct '78

Dutch defense policy for the '80s--less nuclear, more conventional. R.D.M. Furlong. Intl Def Rev 12, No. 3:319-322 '79

Essential equivalence: The end of the nuclear deterrent myth. LtCol Norbert Hannig, Ret. illus tabs Intl Def Rev 12, No. 2:179-183 '79

"Forward detachments" and the Soviet nuclear offensive. Capt Stephen Shervais, Jr. illus Mil Rev 59:66-71 Apr '79

France and NATO: An ambiguous relationship. G. Chambost. illus Intl Def Rev 12, No. 4:526-530 '79

More arithmetic of deterrence: Throw weight, radioactivity and limited nuclear war. Ian Bellamy. RUSI J for Def Studies 124:35-38 Jun '79

New study shows Russia would hold 70% greater edge in nuclear exchange than is shown in FY DOD annual report. Benjamin F. Schemmer. tabs illus Armed Forces J Intl 116:5-6+ May '79

Nuclear hardening of weapon systems. Marion A. Rose. illus tabs Def Elect pt 1, 11:43-44+ Sep '79; pt 2, 11:71+ Oct '79; pt 3, 11:65-66+ Nov '79

Nuclear strategy--differences in Soviet and American thinking. 1stLt John W. Jenson. AU Rev 30:2-17 Mar-Apr '79

Nuclear strategy: The case for a theory of victory. Colin S. Gray. Intl Sec 4:54-87 Summer '79

Nuclear war: Causes, combat, consequences. illus Def Monitor 8: entire issue Mar '79

Nuclear war: The tactical option. Guest editorial. VADM John T. Hayward, Ret. illus Mil Elect/Countermeasures 5:32-33 Feb '79

The obsolete ICBM. Def Monitor 8: entire issue Apr '79

Panel asks 'modest' plan for nuclear evacuation. AF Times 39:8 Jan 22 '79

The political potential of parity. LtCol Robert C. McFarlane. illus US Nav Inst Proc 105:28-35 Feb '79

Soviet options for war in Europe: Nuclear or conventional? Col Graham D. Vernon. illus Strat Rev 7:56-66 Winter '79

NUCLEAR WARFARE - Continued

The Soviet Theater nuclear offensive and the European battlefield. Capt Scott R. McMichael. illus Fld Arty J 47:24-27 Sep-Oct '79

The terrible strategy of terror: A French perspective. Col Marc Geneste, Ret. illus Strat Rev 7: 23-31 Spring '79

Theatre nuclear weapons: Begging the Soviet Union to pre-empt. Jeffrey Record. (Reprinted from Survival, Sep-Oct 1978) illus Fld Arty J 47:20-23 Sep-Oct '79

U.S. strategic weapons developments and the implications of SALT. illus Intl Def Rev 12, No. 3:367-371 '79

"War Without Winners": A handbook of questions and answers on nuclear war. illus Def Monitor 8: entire issue Feb '79

Medical Aspects

Most people at (1957) atom test not in peril, report says. AF Times 39:4 Feb 19 '79

NUCLEAR WEAPONSSee also

Missiles
Nuclear Bombs

Arms control enters the gray area. Robert Metzger and Paul Doty. tabs Intl Sec 3:17-52 Winter '78-'79

Can Western Europe be defended by conventional means? LtCol Norbert Hannig, Ret. illus tabs Intl Def Rev 12, No. 1:27-34 '79

Conducting nuclear weapon account audits. TIG Brief 31:9 Jan 26 '79

The debate on theatre nuclear weapons and limited nuclear war--and the future. C. E. Norden. Army Qtr 108:391-403 Oct '78

The Euronuclear balance of forces. Hubertus Hoffmann and Rolf Steiner. illus NATO's Fifteen Nations 24:169-171+ Oct-Nov '79

Hic sunt dracones: The nuclear threat of international terrorism. Louis René Beres. illus Parameters 9: 11-19 Jun '79

Military weaponry: How lethal? Col Trevor N. Dupuy, Ret. illus tabs Army 29:23-27 Feb '79

Nuclear survivability of military equipment. Maj J. P. Munnery. illus Intl Def Rev 12, No. 7:1107-1110 '79

Participation of the European states in the SALT III negotiations. Hubertus Hoffmann and Rolf Steiner. illus NATO's Fifteen Nations 24:78-80+ Jun-Jul '79

The terrible strategy of terror: A French perspective. Col Marc Geneste, Ret. illus Strat Rev 7: 23-31 Spring '79

The ultimate deterrent. Col Cecil M. Minich. illus Mil Rev 59:64-66 Jan '79

NUCLEAR WEAPONS - ContinuedInternational ControlSee also

Nuclear Test Ban

A diplomatic bomb for South Africa? Richard K. Betts. tab Intl Sec 4:91-115 Fall '79

The porcupine theory of nuclear proliferation: Shortening the quills. Louis René Beres. illus Parameters 9:31-37 Sep '79

Maintenance and Repair

On-the-Job Training (OJT) for nuclear munitions officers. TIG Brief 31:17 Oct 5 '79

Serviceability of nuclear load training shapes. TIG Brief 31:11 Oct 5 '79

Safety Measures

A-risk warning for 250,000 (participants in the 1950s atomic weapon tests). Suzanne Viau. AF Times 39:11 Mar 5 '79

Broken Arrow exercises. TIG Brief 31:9 Jan 12 '79

Clarification of Dull Sword (nuclear safety deficiency) reporting. TIG Brief 31:10 Jan 12 '79

Complacency and nuclear safety. Capt Curtis M. Schantz. illus Combat Crew 29:18-19 Nov '79

Contingency plans for nuclear weapons equipment and procedures. TIG Brief 31:17 Aug 3 '79

Enforcement of the two-man concept. TIG Brief 31:8 Nov 16 '79

Evolution of the Personnel Reliability Program (PRP). TIG Brief 31:12 Sep 7 '79

The first DOD nuclear safety standard explained. TIG Brief 31:13 May 4 '79

Impact of nuclear safety/security requirements on force readiness. TIG Brief 31:4 Jan 26 '79

Initial nuclear safety studies. TIG Brief 31:18 Nov 16 '79

The 'kid glove' treatment for nuclear weapons. TIG Brief 31:8 Jan 12 '79

MAJCOM influence on safety rules development. TIG Brief 31:15 May 4 '79

Nuclear airlift missions: Who's in charge? TIG Brief 31:19 May 18 '79

Nuclear crisis: Plans called sketchy. Suzanne Viau. AF Times 39:17 Apr 30 '79

Nuclear safety: An historical perspective. TIG Brief 31:17-18 Mar 23 '79

Nuclear safety and security information. TIG Brief 31:17 Feb 9 '79

Nuclear safety by design. TIG Brief 31:18 Sep 7 '79

Nuclear Safety Cross-Check Analysis (NSCCA). TIG Brief 31:18 Aug 17 '79

NUCLEAR WEAPONS - ContinuedSafety Measures - Cont'd

- Nuclear safety programs: The pendulum effect. TIG Brief 31:11 Jan 12 '79
- Nuclear safety unauthorized launch studies. TIG Brief 31:15 Mar 9 '79
- Nuclear surety and the two-man concept. TIG Brief 31:20 Feb 23 '79
- Nuclear surety inspection program: A balanced approach. TIG Brief 31:3 Jul 2 '79
- The nuclear weapon simulator: Is it the real thing? TIG Brief 31:19 Jun 15 '79
- The second DOD nuclear safety standard explained. TIG Brief 31:18 Jun 15 '79
- The third DOD nuclear safety standard explained. TIG Brief 31:17 Nov 2 '79
- Timely nuclear safety training. TIG Brief 31:19 Dec 7 '79
- Use of AID (Accident, Incident, and Deficiency) reports. TIG Brief 31:20 Jul 13 '79
- What if it breaks anyway? TIG Brief 31:7 Jan 26 '79
- Where is your nuclear safety program going? TIG Brief 31:17 Jul 13 '79
- Who reacts to a nuclear weapons attack? TIG Brief 31:4 May 4 '79

Statistics

- Nuclear delivery vehicles: Comparative strengths and characteristics. A, United States and Soviet Union; B, Other NATO and Warsaw Pact countries. International Institute for Strategic Studies. Tables only. AF Mag 62:130-131 Dec '79

Study and Teaching

- The "nuclear" ARTEP in USAREUR--an idea whose time has come. LtCol Robert B. Rosenkranz. illus tab Fld Arty J 47:16-19 Jul-Aug '79

Testing

- DNA (Defense Nuclear Agency) sifts N-test effects--early returns indicate cancer possible fluke. Interview. VADM Robert R. Monroe. illus AF Times 40:23 Nov 19 '79
- Joint nuclear weapon flight tests. TIG Brief 31:17 Sep 21 '79

Argentina

- Security, influence, and nuclear weapons: The case of Argentina and Brazil. Stephen M. Gorman. map Parameters 9:52-65 Mar '79

Brazil

- Security, influence, and nuclear weapons: The case of Argentina and Brazil. Stephen M. Gorman. map Parameters 9:52-65 Mar '79

France

- The future of France's force de dissuasion. Gen Pierre M. Gallois. Ret. illus Strat Rev 7:34-41 Summer '79

NUCLEAR WEAPONS - ContinuedGreat Britain

- The future of Britain's strategic nuclear force. AVN Stewart W. B. Menaul. illus Strat Rev 7:25-33 Summer '79

NATO

- The balance of theatre nuclear forces in Europe. International Institute for Strategic Studies. tabs AF Mag 62:125-129 Dec '79
- Budgets and theater nuclear forces. illus Def & For Aff Dig 7, No. 10:40-41 '79
- The nuclear dilemma. Gen Johannes Steinhoff, Ret. illus NATO's Fifteen Nations 24:110+ Oct-Nov '79
- Nuclear mid-range systems and the NATO confidence gap. Editorial. Walter F. Hahn. Strat Rev 7:8-10 Spring '79
- Pershing II: First step in NATO theatre nuclear force modernization? F. Clifton Berry, Jr. illus tabs Intl Def Rev 12, No. 8:1303-1308 '79
- Tactical nuclear weapons. John Marriott. Army Qtr 108:142-148 Apr '78
- UK/NATO nuclear options for the 1980s. illus map Intl Def Rev 12, No. 9:1487-1488 '79

Russia

- MX: The missile we don't need. illus tabs Def Monitor 8: entire issue Oct '79
- The obsolete ICBM. Def Monitor 8: entire issue Apr '79
- SS-20 multiplies USSR's nuclear superiority. Hubertus Hoffman. illus tab NATO's Fifteen Nations 23:42-44+ Dec '78-Jan '79
- Soviet nuclear doctrine. Mark B. Schneider. Natl Def 63:51-53 Jan-Feb '79
- Soviet tactics for overcoming NATO anti-tank defenses. C.N. Donnelly. illus tabs Intl Def Rev 12, No. 7:1099-1106 '79

- Will SALT II survive in the U.S. Senate? Ramon Lopez. illus Intl Def Rev 12, No. 5:700-701 '79

South Africa (Republic)

- A diplomatic bomb for South Africa? Richard K. Betts. tab Intl Sec 4:91-115 Fall '79

United States

- MX: The missile we don't need. illus tabs Def Monitor 8: entire issue Oct '79
- Nuclear weapons: Image versus reality. Maj John P. Rose. illus Fld Arty J 47:46-50 Nov-Dec '79
- The obsolete ICBM. Def Monitor 8: entire issue Apr '79
- Pricing ourselves out of the market: The attack submarine program. CAPT Linton F. Brooks. illus tab Nav War Col Rev 32:2-17 Sep-Oct '79

NUCLEAR WEAPONS - ContinuedUnited States - Cont'd

Tactical nuclear weapons are just one more form of combat power on the battlefield. Maj John P. Rose. MarCor Gaz 63:47-50 Apr '79

Will SALT II survive in the U.S. Senate? Ramon Lopez. illus Intl Def Rev 12, No.5:700-701 '79

Warsaw Pact

The balance of theatre nuclear forces in Europe. International Institute for Strategic Studies, tabs AF Mag 62:125-129 Dec '79

NURSE CORPSAir Force--U. S.

See also
Flight Nurses

Quality assurance of nursing care. TIG Brief 31:13-14 Mar 9 '79

Armed Forces--U. S.History

Women in combat? Meet the heroines of Corregidor, Bataan. Marian N. Fernandes. illus map Army 29: 40-45 Apr '79

Army--U. S.

Nursing--not for women only. SP4 Larry Paul. illus Soldiers 34:52 Aug '79

NURSES AND NURSING

See also
Flight Nurses

Coping with expanding nursing practice, knowledge, and technology. Marion A. Gaudinski. Aviation, Space & Envmt Med 50:1073-1075 Oct '79

A Guardsman remembers the "back wards" (in Rhode Island's Institute for Mental Health/General Hospital during nurses' and attendants' strike). Ch(Maj) Thomas J. Clarke. illus Natl Guard 33:26-27 Nov '79

The nursing explosion--technology, knowledge, and practice: Its implications for leadership in aerospace nursing. Joan B. Burke. Aviation, Space & Envmt Med 50:405-408 Apr '79

Nursing--not for women only. SP4 Larry Paul. illus Soldiers 34:52 Aug '79

NUTRITION

Can nutritious food sell? Bolling (AFB, DC) seminar ("Stimulating Nutritional Awareness and Action in Military Personnel") looks at research. Ron Sanders. AF Times 39:4 Jun 11 '79

Fitness for war--food and feet. (Report of seminar, RUSI, March 7, 1979) RUSI J for Def Studies 124: 18-28 Sep '79

Is natural really better? Janet Hake. illus Soldiers 34:33-36 Jun '79

NUTT, Waymond C.

Energy conservation and management policy. BrigGen Waymond C. Nutt. AF Plcy Ltr for Comdrs: Sup No.11:20-24 Nov '79

OCS see Officer Candidate Schools

ODDR&E see Defense Research and Engineering

OER see Effectiveness Reports

OJT see On-the-Job Training

OSI see Office of Special Investigations

OTS see Officer Training School

OBESITY see Physical Fitness

OBSTACLES (MILITARY SCIENCE)

Breaching obstacles. Col M. Bragin. illus Soviet Mil Rev No.7:16-17 Jul '79

Obstacle planning. 1stLt Charles L. Toomey. illus tabs Armor 88:43-46 Mar-Apr '79

OCCUPATIONAL SAFETY AND HEALTH

Are commanders and supervisors reluctant to enforce AFOSH requirements? TIG Brief 31:13 Aug 17 '79

Civilian safety and health discipline. TIG Brief 31:6 Jul 13 '79

Development of Air Force Occupational Safety and Health (AFOSH) standards for engineering and services. TIG Brief 31:9-10 Dec 7 '79

Energy, environment and safety. (Presentation, Subcommittee on Military Construction, House Committee on Appropriations, Feb 28, 1979) MajGen William D. Gilbert. AF Plcy Ltr for Comdrs: Sup No.5:14-19 May '79

Health education: A vital part of the Air Force Occupational Health Program. TIG Brief 31:12 Aug 17 '79

How effective is your Occupational Safety, Fire Prevention, and Health Committee? TIG Brief 31:5 Dec 7 '79

Job safety training: What is it? TIG Brief 31:15 Aug 17 '79

An ounce of prevention. Capt Bob Gage. illus TAC Attack 19:24-25 May '79

OCCUPATIONS

The traumatic leap to a civilian job. illus AF Times 39:24 Feb 19 '79

OCEAN

Maritime policy ... how should it be formed? Maj Roger M. Reynolds and others. illus Translog 10: 5-8 Apr '79

OCEAN MINING

Law of the sea. Elliot L. Richardson. Nav War Col Rev 32:3-10 May-Jun '79

OCEANOGRAPHY

See also

Marine Resources
National Oceanic and Atmospheric Administration
Underwater Research

OCEANOGRAPHY - Continued

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

Offshore technology. Regular feature in issues of Military Engineer

Research at Woods Hole: Dividends from oceanography. CDR John C. Harlett. illus US Nav Inst Proc 104:135-137 Dec '78

Military Applications

Defense of the depths. CAPT Robert F. Delaney and Maj Patrick Townsend. illus US Nav Inst Proc 105: 36-41 Nov '79

OFFICE OF CIVIL DEFENSE see Defense Civil Preparedness Agency

OFFICE OF DEFENSE RESEARCH AND ENGINEERING see Defense Research and Engineering

OFFICE OF MANAGEMENT AND BUDGET

Behind the 'cloak of anonymity' at OMB's National Security Division. R.L. Janisch and Robin J. Stein. illus chart Armed Forces J Intl 116:34-41 Jan '79

OMB: Cut retired costs. Tom Philpott. AF Times 39:3 Mar 26 '79

OMB will weigh flight pay raise. Bruce Callander. AF Times 40:3 Dec 17 '79

OMB's FY 80 goal close to NATO 3%; DOD's \$137.7-billion request exceeds it. Benjamin F. Schemmer. tab Armed Forces J Intl 116:6+ Jan '79

Retiree plan has OMB OK. AF Times 39:3 Jan 22 '79

OFFICE OF PERSONNEL OPERATIONS--ARMY see Army Military Personnel Center

OFFICE OF SPECIAL INVESTIGATIONS

AFOSI investigation of APR/OER forgeries. TIG Brief 31:6 Feb 9 '79

AFOSI procedures: Use of lie detector can clear innocent. Ron Sanders. illus AF Times 39:24 Jan 8 '79

Air Force Office of Special Investigations. illus AF Mag 62:101 May '79

Composite a clue in cracking crimes. Ron Sanders. illus AF Times 39:21 Mar 26 '79

Forensic support to USAF commanders. TIG Brief 31:3 Apr 20 '79

Getting the maximum out of your drug abuse investigative resources. TIG Brief 31:5 Nov 16 '79

Plugging all the leaks: Your role when AFOSI identifies security hazards. TIG Brief 31:7 Sep 21 '79

Thorough briefing defeats intelligence approach. TIG Brief 31:4 Nov 2 '79

Using AFOSI reports to protect Air Force assets. TIG Brief 31:3 Mar 23 '79

OFFICE OF THE DIRECTOR OF DEFENSE RESEARCH AND ENGINEERING see Defense Research and Engineering

OFFICER CANDIDATE SCHOOLSArmy

OCS (Order, Character, Strength). MSgt Matt Glasgow. illus Soldiers 34:13-19 Sep '79

OFFICER EFFECTIVENESS REPORT see Effectiveness Reports

OFFICER PERSONNEL ACT OF 1947

Putting up-or-out in perspective. Ed Gates. tabs AF Mag 62:64-67 Apr '79

OFFICER TRAINING SCHOOL

Fast track to OTS: Fit student 'profile.' Len Farniglietti. AF Times 39:4 May 28 '79

5700 of 8897 officers due to come from OTS. AF Times 40:22 Dec 3 '79

OTS seeks more airmen. Len Farniglietti. tab AF Times 39:1+ Jul 9 '79

Recommending enlisted members for a commission. TIG Brief 31:13-14 Jun 15 '79

OFFICERSSee also

Commanding Officers
Flag Officers
General Officers

Air Force--U. S.

The Air Force officer. (Excerpts from Dining-In Address, Class 79-09, Officer Training School, Lackland AFB, TX, May 2, 1979) MajGen Robert E. Sadler, Ret. AF Ploy Ltr for Comdrs: Sup No. 9: 35-40 Sep '79

Education and hikes: Move made to cut link. Len Farniglietti. AF Times 39:4 Jun 11 '79

5700 of 8897 officers due to come from OTS. AF Times 40:22 Dec 3 '79

How officers can job swap. Bruce Callander. AF Times 39:1+ May 28 '79

I miss you, Air Force. (Memories of AF life) Col Norman A. Parker, Ret. illus Airman 23:38-40 Oct '79

95 percent of new O-6s had 1s on last OER. tabs AF Times 39:3 Jan 29 '79

Officer hike picture bright for FY 1980. M. L. Craver. AF Times 40:1+ Nov 26 '79

Rated duty following supplement tours. AF Times 40:5 Sep 3 '79

Rated Supplement declines, will stay. M. L. Craver. AF Times 39:9 May 14 '79

Rateds get more say in assignment options. M. L. Craver. AF Times 39:1+ May 28 '79

Survey finds pay biggest gripe. M. L. Craver. AF Times 40:1+ Dec 10 '79

TAC vetoes LDOs (Limited Duty Officers). AF Times 40:43 Aug 6 '79

OFFICERS - ContinuedAir Force--U. S. - Cont'd

2513 make captain under new system ("fully qualified basis"). M. L. Craver. AF Times 39:1+ Apr 2 '79

Statistics

Officer cuts under DOPMA cause concern--Senate version. M. L. Craver. AF Times 40:3 Nov 12 '79

Armed Forces--Germany
(Federal Republic)

The German officer corps: Caste or class? Detlef Bald. tabs Armed Forces & Soc 5:642-668 Summer '79

Armed Forces--Russia

A political personnel training centre (Lenin Military-Political Academy). illus Soviet Mil Rev No. 12: 5-8 Dec '79

Soviet military cadres during the war (WW II). Gen I. Shkadov. illus Soviet Mil Rev No. 4:2-6 Apr '79

Soviet military education. Col Richard G. Head. illus tabs AU Rev 30:45-57 Nov-Dec '78

Armed Forces--U. S.See also

Defense Officer Personnel Management System

Acquiring new values in military bureaucracies: A preliminary model. Richard A. Gabriel. illus J Pol & Mil Sociol 7:89-102 Spring '79

Bill would okay officer transfers (between the military Services and National Oceanic and Atmospheric Administration). AF Times 40:39 Dec 10 '79

Changing dimensions of military professionalism: Education and enlightened advocacy. LtCol Sam C. Sarkesian, Ret. illus Mil Rev 59:44-56 Mar '79

Cut in Sr officers asked. AF Times 40:3 Nov 5 '79

DOPMA action--bill asks cuts in officers. AF Times 40:3 Oct 8 '79

Defense to Congress: This (officer relief) must be passed. Andy Plattner. AF Times 40:6 Sep 10 '79

The good officer. Gen Maxwell D. Taylor, Ret. (Abridged from Army, May 1978) US Nav Inst Proc 105:80-81 Jun '79

Regular vs Reserve--pros, cons. AF Times 39:25 Jul 16 '79

Sex fraternization: New twist on an old taboo. Lothar H. Wedekind. illus AF Times, Times Magazine sup:6-12 Jun 4 '79

Teach our officers how to fight. Col W. L. Traynor, Ret. MarCor Gaz 63:30+ Nov '79

Army--Great Britain

"Serve to lead"--the Royal Military Academy, Sandhurst. Col Norman L. Dodd, Ret. illus chart Mil Rev 59:51-63 Feb '79

OFFICERS - ContinuedArmy--Russia

Soviet officers. Col V.Kovalyov. illus Soviet Mil Rev No.5:34-36 May '79

Army--U.S.

Bars to stars. Regular feature in issues of Air Defense Magazine

Basic for officers--hands-on training. 2dLt Dale Wilson. illus Soldiers 34:28-30 Jul '79

Career patterns for field artillery company grade officers. LtCol Leslie E.Beavers and Maj Glen D. Skirvin. illus tab Fld Arty J 47:22-25 Jan-Feb '79

The company grade years--a decade of development. LtCol Leslie E.Beavers and Maj Glen D.Skirvin. illus tabs Fld Arty J 47:8-12 Jul-Aug '79

OPMD-EPMD armor. Regular feature in issues of Armor

OPMS (Officer Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest

Officers career notes. Regular feature in issues of Infantry

Progressivism, professionalism, and reform. Capt Andrew J. Bacevich, Jr. illus Parameters 9:66-71 Mar '79

Marine Corps--U.S.

Is Marine Corps officer education an institution for ignorance? Capt Hugh K.O'Donnell, Jr. MarCor Gaz 63:39-43 Mar '79

Making better use of our officers. Maj Paul R. Aadnesen. illus MarCor Gaz 63:51-56 Dec '79

Specialized training for the Marine Infantry officer. Maj B.Victor Taylor. illus MarCor Gaz 63:35-38 Jan '79

National Guard--Army--U.S.

Staff: Where the good training habits hatch. Col Uzal W.Ent. illus Natl Guard 33:16-17+ Mar-Apr '79

Navy--Great Britain

Officer structure in the Royal Navy. VAdm Louis Le Bailly. Army Qtr 108:433-438 Oct '78

Navy--Russia

Ship's CO. RAdm G.Kostev. illus Soviet Mil Rev No.8:16-17 Aug '79

Navy--U.S.

The naval officer/medical officer quandary. Michael S.Smith. illus US Nav Inst Proc 105:42-45 Sep '79

Setting shipboard priorities. LCDRs Kenneth R. McGruther and John P.Morse. illus US Nav Inst Proc 105:36-41 Feb '79

Surface ship command qualification: Who needs it? CDR Leon P.Brooks, Jr. illus US Nav Inst Proc 105:58-65 Jan '79

OFFICERS - ContinuedReserve Forces--Air Force--U.S.

Foster 'alumni' help Academy. Col Richard S. George. illus Air Reservist 31:12-13 Apr '79

Mobilization Augmentee officers honored. illus Officer 55:10 May '79

Reserve Forces--Armed Forces--NATO

CIOR update. Judy Oberdick. illus Air Reservist 31:23 Oct '79

Reservists place in (1979) CIOR (Interallied Confederation of Reserve Officers) competition. illus AF Times 40:34 Oct 22 '79

Top-ranked U.S. teams finish fourth, fifth, and sixth in CIOR competition (Aug 27-29, 1979). Maj Charles M.Ferguson. Officer 55:20 Nov '79

OFFICERS CLUBS

Liquor sales keep clubs afloat: GAO report. Suzanne Viau. AF Times 39:7 May 14 '79

What about the club? Maj Barry D.Guyse. tabs illus AU Rev 30:74-80 Jan-Feb '79

OFFSHORE OIL WELL DRILLING see Oil Well DrillingOIL see

Lubrication and Lubricants
Petroleum
Petroleum Industry and Trade

OIL WELL DRILLING

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

Helicopter passenger survival suit standards in the UK offshore oil industry. William L.B. Leese and J.Nelson Norman. illus map tabs Aviation, Space & Envmt Med 50:110-114 Feb '79

International terrorism and the defense of offshore facilities. LCDR John F.Ebersole. illus US Nav Inst Proc 105:54-61 Sep '79

Offshore helicopters: Energy suppliers for the world. illus tab Aerosp Intl 15:18-19+ Feb-Mar '79

Offshore technology. Regular feature in issues of Military Engineer

OILERS (SHIPS)See also

Tankers

The Navy's civilian ships. Larry C.Manning and Louis R.Granger. illus US Nav Inst Proc 105:49-55 Nov '79

OMAN

Oman, a rock in the sands. Leigh Johnson. illus Def & For Aff Dig 7, No.6:6-9+ '79

Turmoil in southern Arabia. Lewis B.Ware. illus Mil Rev 59:51-54 Nov '79

OMAN - ContinuedHistory

Oman 1975: The year of decision. MajGen K.Perkins. maps illus RUSI J for Def Studies 124:38-45 Mar '79

Strategic Importance

The Indian Ocean: Front door of the Middle East. Gregory Copley. map Def & For Aff Dig 7, No.6: 28-30+ '79

ON-THE-JOB TRAINING

Instructional System Development (ISD) for On-the-Job Training (OJT). TIG Brief 31:12 Jul 2 '79

On-the-Job Training (OJT) for nuclear munitions officers. TIG Brief 31:17 Oct 5 '79

O'NEILL, Thomas P., Jr

The speaker's big push will be "oversight." por Govt Exec 11:20-21 Jan '79

OPERATIONSee also

Exercise

Giant Thrust

Giant Thrust II--an aircraft commander's view. Capt John Lawton. illus Combat Crew 29:8-9+ Jan '79

Giant Thrust II--the maintenance view. LtCol Thomas A.Bainbridge. illus Combat Crew 29:11+ Jan '79

With a Giant Thrust. SSgt Fred Spriggs. illus Airman 23:11-15 Jan '79

Linebacker

Linebacker II: A pilot's perspective. Capt Robert E. Wolff. map illus tab AF Mag 62:86-91 Sep '79

Linebacker II: The POW perspective. LtCol Jon A. Reynolds. illus AF Mag 62:93-94 Sep '79

Rapid Recce

Rapid Recce. illus Natl Guard 33:26-27 Jul '79

Rapid Recce: A record day (for Alabama ANG). Maj Don Levy. illus Air Reservist 31:16-17 Jul '79

Redoubt

No (Re)doubt about it. (Operation Redoubt-Phase III mobilizes AF Reserve forces) illus Airman 23:34-36 Nov '79

Operation Redoubt III largest exercise ever undertaken by AFRes. illus Officer 55:15-16 Sep '79

'Redoubt,' largest yet, ends for Reservists. AF Times 40:12 Oct 1 '79

Redoubt ... Phase III. SSgt John Bunker. illus Air Reservist 31:12-15 Aug-Sep '79

Reserves are ready, says Bodycombe. Ron Sanders. illus AF Times 39:6 Jun 25 '79

Snowbird

Snowbirds flock to Tucson. SMSgt Gerald H.Smith. illus Air Reservist 31:8-9 Apr '79

OPERATIONAL READINESSSee also

Combat Readiness

Does compliance equate to readiness? TIG Brief 31:5 Feb 23 '79

Employment of divisional Chaparral/Vulcan now. 1stLt Walter P.Schaefer. illus Air Def Mag, pp 28-29, Jul-Sep '79

Impact of nuclear safety/security requirements on force readiness. TIG Brief 31:4 Jan 26 '79

Inspector's viewpoint. Regular feature in issues of Interceptor

Logistics and force readiness. LtGen Arthur J.Gregg. illus Army Log 11:2-5 Nov-Dec '79

Munitions support for surge operations. TIG Brief 31:10 Oct 19 '79

NATO forces under test--how ACE (TACEVAL program) evaluates combat readiness. Cols Thomas W.Steeves and Dietrich E.Handt. illus NATO's Fifteen Nations 24:46-47+ Aug-Sep '79

Nuclear surety inspection program: A balanced approach. TIG Brief 31:3 Jul 2 '79

POMO (Production Oriented Maintenance Organization) and POST (Production Oriented Scheduling Techniques): keystones of TAC readiness. David A.Anderton. illus AF Mag 62:46-50 Jan '79

Readiness is our profession. TIG Brief 31:15 Nov 2 '79

Reporting missile readiness. William C.Wall, Jr and LtCol Raymond R.Ross II. illus Army Log 11: 26-30 Jul-Aug '79

Review of war readiness spares list. TIG Brief 31:10 Nov 16 '79

Supportability in DSARC decision making. Richard E. Biedenbender and Michael F.McGrath. illus tabs Def Mgt J 15:14-19 Sep-Oct '79

'We're here to help you.' TIG Brief 31:3 Aug 3 '79

OPERATIONAL REQUIREMENTS

System effectiveness in the U.S. Navy. W.J.Willoughby, Jr. illus Signal 33:20-22 Jul '79

User roles in Air Force C³ systems. MajGen William R.Yost. tabs Signal 33:18-19 Jul '79

OPERATIONAL RESEARCHSee also

Systems Analysis

OPERATIONAL TEST AND EVALUATION

Bullet Blitz 6. Capt Bill Craig. map illus Combat Crew 29:8-9+ Sep '79

Test more ... not less. MajGen Patrick W.Powers, Ret. illus tab Natl Def 63:35-37+ Mar-Apr '79

OPERATIONAL TEST AND EVALUATION - Continued

Testing air tactics and hardware. (Address to a symposium on air-to-air combat co-hosted by the Air Force Directorate of Concepts and Analyses and the USAF Tactical Fighter Weapons Center, Washington, Aug 1978) Thomas P. Christie. AF Pkcy Ltr for Comdrs: Sup No. 1:23-33 Jan '79

OPERATIONS, MILITARY

The missing link. Maj John P. Rose. Armor 88:9-11 Nov-Dec '79

Patterns, plain and fancy. Col James H. Hayes, Ret. illus Mil Rev 59:2-10 Jul '79

Rear area combat operations. Maj John B. Reisz. illus Mil Rev 59:61-71 Dec '79

Some second thoughts on the Army's blueprint for future land warfare. Martin Blumenson. Natl Guard 33:18-20 Mar-Apr '79

OPTICSSee alsoLasers

CCD (Charge-Coupled Device): The ultimate shift register. illus Elect Warfare/Def Elect 11:51-56 Feb '79

Countermeasures from Elettronica. Gowri S. Sundaram. illus Intl Def Rev 12, No. 8:1396-1398 '79

Fiber optics use IC interfaces. Bill Stephens and Tom Bunch. illus Def Elect 11:106-107 Aug '79

(Measurement devices using fiber optics) Signal 33:150 Jan '79

Super sensitive CCD. illus tabs Elect Warfare/Def Elect 11:56-57 Feb '79

ORDNANCESafety Measures

Inadvertent releases. TIG Brief 31:20 Aug 3 '79

ORGANIZATION

See also subdivision under specific subjects,

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Defense Dept.--U. S.--Organization

OVERALL EFFICIENCY INDEX see Effectiveness Reports--Army

OVERSEAS DUTY

Advance housing allowance for EM o'seas pushed. AF Times 39:6 Apr 23 '79

CONUS port early outs scrapped. Bruce Callander. AF Times 39:1+ Mar 12 '79

Catalytic converters: Auto emission control systems need special care overseas. illus AF Times 39:28 Mar 5 '79

Cutting o'seas kin called unworkable. Andy Plattner. AF Times 39:7 Jun 11 '79

DOD: Lift abortion ban, kin limits. AF Times 39:29 Jul 2 '79

OVERSEAS DUTY - Continued

DOD tells Hill--keep kin o'seas. Tom Philpott. AF Times 39:1+ Jun 25 '79

DOD trying to forestall o'sea kin cuts--tour changes proposed. Andy Plattner. AF Times 39:2 Jul 9 '79

Defense Authorization Bill: O'seas kin reduced; doctors get bonus. AF Times 40:4 Nov 12 '79

Going overseas--it's not just another move for your child. Nancy Baggett. illus AF Times, Times Magazine sup:6-10 Feb 5 '79

A halt to kin travel--lower ceilings seen for dependents o'seas. Andy Plattner. AF Times 40:1+ Oct 8 '79

House panel (Appropriations Subcommittee on Defense): Cut o'sea kin 3000. Suzanne Viau. AF Times 40:1+ Aug 20 '79

House votes to cut o'seas kin \$\$\$. Andy Plattner. AF Times 39:3 Jul 2 '79

Jr EM kin travel up to panel (House-Senate conference committee). AF Times 40:3 Oct 1 '79

Kin abroad: Asset or liability? Bruce Callander. AF Times 39:14+ Jun 25 '79

Kin travel overseas threatened--Army underestimated total. AF Times 39:3 Jan 8 '79

Lure of teaching o'seas is waning--more jobs seen (for military dependents). AF Times 40:7 Nov 19 '79

Mad enough to write? Bruce Callander. AF Times 39:1+ Jun 11 '79

Money requests include oversea 'barracks' COLA. Tom Philpott. AF Times 39:1+ Jan 15 '79

NAF workers: No o'sea COLA plan. Suzanne Viau. AF Times 39:7 Feb 19 '79

Nonprotective abortions OK o'seas if paid ahead. Ron Sanders. AF Times 39:6 Jan 29 '79

O'sea BX shoppers to feel funds cut. AF Times 39:3 Jan 29 '79

O'sea kin cut agreed upon. Andy Plattner. AF Times 40:1+ Oct 29 '79

O'sea kin due evacuation test. Andy Plattner. AF Times 40:4 Aug 27 '79

Oversea tour career planning. tabs AF Engrg & Svcs Qtr 20:29-31+ Nov '79

Overseas consumer electronics. C. C. Halbak. Review 58:29-30+ Sep-Oct '79

O'seas kin cut of 30,000 asked (by Defense Subcommittee of the House Appropriations Committee). Andy Plattner. AF Times 40:1+ Jul 30 '79

O'seas move allowed after 1 year on base. AF Times 39:4 Apr 30 '79

O'seas school construction \$\$ cut. AF Times 39:12 Feb 19 '79

Panel (House Appropriations Committee) asks cut in overseas kin. Andy Plattner. AF Times 40:1+ Oct 1 '79

OVERSEAS DUTY - Continued

Panel (Senate Appropriations Committee) softens o'sea kin restrictions. Andy Plattner. AF Times 40:1+ Nov 5 '79

Projections: HA going up in Britain, COLA cut in Belgium. AF Times 40:12 Aug 20 '79

Some families o'seas better off than those in U.S. (Interview with Roland P. Ceolla) Suzanne Viau. illus AF Times 40:27 Dec 17 '79

Stennis makes Services sweat--o'seas kin travel curbs. Bruce Callander. AF Times 39:1+ May 14 '79

Thousands may get tax credit break. Tom Philpott. AF Times 39:1+ Mar 5 '79

Trim overseas kin, halt JET (Junior Enlisted Travel), panel (Senate Armed Services Committee) says. Andy Plattner. AF Times 39:1+ Jun 4 '79

2 panels (House Appropriations Committee, Senate Armed Services Committee) vote overseas dependent \$ cuts. Andy Plattner. AF Times 39:1+ Jun 18 '79

Vehicles bound for overseas--planning eases shipping problems. AF Times 40:A8-A9 Oct 22 '79

Watch which o' sea tour you elect. AF Times 39:2 Mar 12 '79

Europe. Western

AAFES in Europe: More satisfied with auto work. AF Times 40:8 Aug 20 '79

APO New York. Steve Abbott. illus Soldiers 34:40-44 Jan '79

Assignment: Europe. Steve Abbott. illus Soldiers 34: 16-23 Jan '79

COLA, housing rise in Europe. Suzanne Viau. AF Times 40:4 Oct 22 '79

Cutback in Europe nothing new. Tom Philpott. AF Times 39:4 May 14 '79

Duty in Europe. Infantry 69:8-10 May-Jun '79

Germany (Federal Republic)

COLA in Germany cut 30 percent. Richard C. Barnard. AF Times 40:2 Sep 10 '79

50% COLA cut in Germany scrapped for 3-step plan. Richard C. Barnard. AF Times 39:1+ May 21 '79

Germany: HA, COLA boosted. AF Times 40:10 Oct 15 '79

Joint training--an investment in the future. 1stLt William F. Fellows. illus Air Def Mag, pp 25-27, Jul-Sep '79

Soldiers in the city. Steve Abbott. illus Soldiers 34: 11-13 Mar '79

The 5th USA Artillery Group (AD)--a NATO assignment. Capt Oscar Mendez. illus Air Def Mag, pp 19-21, Jul-Sep '79

Wall patrol. Steve Abbott. illus Soldiers 34:14-17 Mar '79

OVERSEAS DUTY - ContinuedGreat Britain

COLA, HA hikes OK'd for Britain. AF Times 39:3 May 7 '79

"There'll always be an England." Robert F. Waldman. illus Translog 10:3-5 May '79

Hawaii

Hawaii: What's it like at the end of the rainbow? Marianne Lester. illus AF Times, Times Magazine sup; entire issue Apr 16 '79

Iran

Exodus from Iran. Bonner Day. illus AF Mag 62: 72-75 Jun '79

Iran evacuation said delayed dangerously. Jim Tice. illus AF Times 39:10+ Apr 9 '79

Relief seen for Iran property losses. AF Times 40:9 Sep 10 '79

Tehran diary: An Air Force wife's account of the last days of the Shah's regime. Jerriane R. Hayslett. illus AF Times, Times Magazine sup:4-10 Apr 2 '79

Japan

COLA, HA cuts ahead for Japan. AF Times 40:12 Dec 3 '79

In Japan: COLA goes down. AF Times 40:7 Nov 5 '79

Korea (Republic)

125th Air Traffic Control Battalion (Corps): "Guardian of the skies in Korea." Sgt Steve Davis. illus USA Avn Dig 25:10-11 May '79

Appointment with Korea. Maj Wavie C. Sharp. USA Avn Dig 25:14-16 Jan '79

Korea's improved port call system (Single Passenger Reservation System). Capt Stephen Giordano. illus Translog 10:14-15 Jun '79

A tour of duty in Korea--what an Army aviator may expect. Clark C. Bohannon. USA Avn Dig 25:16-19 Feb '79

Turkey

Quality of life in Turkey said 'degrading.' AF Times 39:11 Feb 26 '79

OXYGEN

Measuring instrument for the determination of the oxygen consumption of scuba divers in open waters. Alexander W. McNeill. illus tab Aviation, Space & Envmt Med 50:742-744 Jul '79

OXYGEN EQUIPMENT

Engine-produced air seen replacing bottled oxygen. AF Times 39:30 Jan 22 '79

Measuring instrument for the determination of the oxygen consumption of scuba divers in open waters. Alexander W. McNeill. illus tab Aviation, Space & Envmt Med 50:742-744 Jul '79

Modernization of LOX (Liquid OXYgen) cart inventory. TIG Brief 31:9 Aug 17 '79

Molecular sieve oxygen generating system: The Argon question--a brief review. Kenneth G. Ikels and Jimmy D. Adams. tabs Aviation, Space & Envmt Med 50:939-942 Sep '79

PACAF see Pacific Air Forces

PCS see Permanent Change of Station

PPBS see Planning-Programming-Budgeting System

PACIFIC AIR FORCES

See also

Air Force, 5th

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Asian overview. (Presentation, West Point, April 20, 1979) LtGen James D. Hughes. AF Plcy Ltr for Comdrs: Sup No. 6:2-6 Jun '79

Pacific Air Forces. tab illus chart AF Mag 62:82-83 May '79

PACIFIC FLEET see Fleet, 7th

PACIFIC ISLANDS

Enewetak clean-up. 1stLt Michael J. Conroy. illus Soldiers 34:24-25 Jan '79

The Pacific Basin. Brig F. W. Speed. tabs Army Qtr 108:304-313 Jul '78

PACIFIC OCEAN

Strategic Importance

Two anchors in the Pacific: A strategy proposal for the U.S. Pacific Fleet. LCDR Kenneth R. McGruther. illus maps US Nav Inst Proc 105:126-141 May '79

PACIFIC REGION

Asian overview. (Presentation, West Point, April 20, 1979) LtGen James D. Hughes. AF Plcy Ltr for Comdrs: Sup No. 6:2-6 Jun '79

The Pacific Basin. Brig F. W. Speed. tabs Army Qtr 108:304-313 Jul '78

Russia in the western Pacific. Brig F. W. Speed. Army Qtr 109:142-146 Apr '79

Strategic Importance

Where the dawn comes up like thunder: The Army's future role in the Pacific. Col Ward M. Le Hardy. illus Parameters 8:37-46 Dec '78

PACKAGING see Containers

PACKING FOR SHIPMENT

Modern protective packaging and its effects on logistics. Terrence Wm Baird. illus Log Spectrum 13: 10-13+ Winter '79

PACTS see Treaties and Alliances

PAKISTAN

The Karakoram Highway: An exercise in nation building. Nazir A. Kamal. illus map Def & For Aff Dig 7, No. 9:18-19+ '79

Politics and Government

Pakistan's new problems. Leigh Johnson. Def & For Aff Dig 7, No. 10:48 '79

PALESTINE

The Palestinians: Nation without a state. LtCol Robert N. Storms, Jr, Ret. illus Mil Rev 59:20-26 Nov '79

Special operations in counter-insurgency: The Farran case, Palestine 1947. David A. Charters. RUSI J for Def Studies 124:56-61 Jun '79

PALMER, Bruce, Jr

U.S. security interests and Africa south of the Sahara. Gen Bruce Palmer, Jr, Ret. AEI Def Rev 2: 2-43 '78

PANAMA CANAL

Canal treaty implementation: The unheeded warning-- setting the record straight. James D. Hessman. illus Sea Power 22:21-22 Jul '79

PARACHUTE JUMPING

Jump fest! illus Natl Guard 33:28-29 Oct '79

POW tests: Bailout/captivity effects linger on. Ron Sanders. tab AF Times 39:1+ Mar 19 '79

Skydancing for the Army Reserve. illus Army 29: 36-37 May '79

PARACHUTES

Condition of deceleration chutes (drag chutes). TIG Brief 31:6 Sep 7 '79

PARAGUAY

Foreign Relations

Bolivia--History

The Chaco War. Adrian J. English. map Army Qtr 109:350-358 Jul '79

PARAMILITARY FORCES

What is "the National Guard" in other nations? Col Bruce Jacobs. illus tab Natl Guard 33:8-10+ Aug '79

PARARESCUE

SAREX '79. SSgt Mike Lorenz. illus Air Reservist 31:23 Aug-Sep '79

PARATROOPS

Attitudes toward combat among U.S. Army paratroopers. William C. Cockerham. tabs J Pol & Mil Sociol 6:1-15 Spring '78

Self-selection and career orientation among enlisted U.S. Army paratroopers: A research note. William C. Cockerham. tabs J Pol & Mil Sociol 6: 249-259 Fall '78

PARTICLE-BEAM WEAPONS see Beam Weapons

PASSPORTS

Passport primer. Sgt1C Carole A. Gittman. illus Soldiers 34:15 Jan '79

PATENTS

Limitations on the right to transfer technology. LtCol H. M. Hougen. Def Sys Mgt Rev 2:35-43 Winter '79

PATENTS - Continued

Patent infringements: The composition of reasonable and entire compensation under 28 U.S.C. 1498. Capt John T. Flynn. AF Law Rev 20, No.2:191-200 '78

Patents and technology transfer. William O. Quesenberry. Def Sys Mgt Rev 2:16-21 Winter '79

Technology transfer and patent management at the National Technical Information Service. David T. Mowry. Def Sys Mgt Rev 2:22-26 Winter '79

A trap for the unwary inventor. TIG Brief 31:6 Apr 20 '79

Trends in Federal patent policy. Franz O. Ohlson, Jr. Def Sys Mgt Rev 2:10-15 Winter '79

Laws and Regulations

How the government obtains patent rights under the ASPR and FPR patent rights clauses. Capt Steven R. Fuschler. AF Law Rev pt 1, When is the government entitled to patent rights? 20, No.3:209-255 '78

PATRIOTISM

The Air Force--job or profession? Gen B.L. Davis. TIG Brief 31:1-2 Sep 7 '79; AF Plcy Ltr for Comdrs: Sup No.11:25 Nov '79

Soviet patriotism. MajGen N. Gusev. Soviet Mil Rev No.5:37-38 May '79

A tribute to General James. (Remarks, 7th Annual Community Service Awards Banquet, Church of All Nations of Central California, Stockton, Oct 14, 1978) MajGen Thomas E. Clifford. AF Plcy Ltr for Comdrs: Sup No.2:27-31 Feb '79

PATROL BOATS

Amazon patrol. LT Douglas R. Burnett. illus map US Nav Inst Proc 104:50-57 Dec '78

EW essential for FPBs (Fast Patrol Boats). Richard Hartman. illus Elect Warfare/Def Elect 11:55-56+ Jan '79

Fast attack craft. Christian Eliot. illus NATO's Fifteen Nations 23:143-145 Special Issue '78

The Hugin-class FPB: An integral element of Swedish naval defense. R. J. L. Dicker. illus map tab Intl Def Rev 12, No.2:207-212 '79

History

The Cuyahoga (Coast Guard cutter) disaster ends 51 years of service. Norman Polmar. illus US Nav Inst Proc 105:124-125 Jan '79

PATROLSSee also

Airplanes in Patrol Work
Helicopters in Patrol Work

Advancing rappelling technique. illus SSgt G.M. York. MarCor Gaz 63:20 Jul '79

Offshore patrol. illus tab Intl Def Rev pt 1, Aircraft. 12, No.5:787-794+ '79; pt 2, Surface craft. 12, No.8:1341-1350 '79

PATROLS - Continued

Wall patrol. Steve Abbott. illus Soldiers 34:14-17 Mar '79

PATTERSON, George K.

The weak link in defense logistics. BrigGen George K. Patterson. por Log Spectrum 12:28-32 Winter '78

PATTON, George S.

Some thoughts on cavalry. MajGen George S. Patton. por Armor 88:26-29 May-Jun '79

PAULY, John W.

A-10, F-15 boost NATO strength. Interview. Gen John W. Pauly. por AF Times 39:10 Mar 19 '79

Allied Air Forces Central Europe. Interview. Gen John W. Pauly. por NATO's Fifteen Nations 23: 81-88 Dec '78-Jan '79

Commanders must communicate. (Presentation, Information Officers Conference Dining Out, Ramstein AB, Ger, Jan 24, 1979) Gen John W. Pauly. AF Plcy Ltr for Comdrs: Sup No.4:19-23 Apr '79

United States Air Forces in Europe. por AF Mag 62: 94-95 May '79

PAVEMENTS

Aerodromes today and tomorrow. Col A. Zhuravlyov. illus Soviet Mil Rev No.11:28-29 Nov '79

Recycling portland cement concrete pavement. Gordon K. Ray. illus tab Mil Engr 71:238-241 Jul-Aug '79

PAY, ALLOWANCES, ETCSee also pay and/or allowances by name, e.g.,

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Incentive Pay
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Subsistence Allowances
Travel Pay

Air Force--U.S.

Electronic pay system passes test. AF Compt 13:15 Jan '79

'Fogey' raises prove budget boon to many. AF Times 39:10 Mar 5 '79

Is EM/officer pay gap right? Bruce Callander. AF Times 39:14+ May 7 '79

Report on pay raise--AF: Seven percent would comply. tab AF Times 39:14 Jul 9 '79

Survey finds pay biggest gripe. M.L. Craver. AF Times 40:1+ Dec 10 '79

Armed Forces

Compensation cutbacks can cripple readiness. AF Times 40:3 Jul 30 '79

PAY, ALLOWANCES, ETC - ContinuedArmed Forces--Great Britain

Review Body on Armed Forces Pay. Harold Atchley. RUSI J for Def Studies 123:3-8+ Dec '78

Armed Forces--U.S.

Another 5.5 percent pay cap in offing. Bob Schweitz. AF Times 39:1+ Jan 1 '79

Average DOD civilian now earns \$21,720, 61% more than his military counterpart. Benjamin F. Schemmer. tab Armed Forces J Intl 116:6 Mar '79

Brown approves DOD pay boosts. Tom Philpott. AF Times 40:1+ Nov 12 '79

COLA, HA hikes OK'd for Britain. AF Times 39:3 May 7 '79

CPI--bad news for active pay--good for retired. AF Times 39:3 May 7 '79

Can 'up-front' \$\$ do the job? Bruce Callander. AF Times 40:16+ Dec 24 '79

Carter pay reform plan in trouble. AF Times 40:2 Dec 3 '79

Chiefs want more \$\$ for people and flight pay. Tom Philpott and Bruce Callander. tab AF Times 40:1+ Nov 19 '79

DOD: Cut military, civilian pay hike link. AF Times 39:1+ Jun 4 '79

(DefSec) Brown: Forget pay fight. Tom Philpott. AF Times 39:3 Jun 4 '79

(DefSec Harold) Brown: No arguing; the pay cap stands. Randy Shoemaker. AF Times 39:1+ Jul 16 '79

Disability retirees getting pay break. AF Times 39:12 Jul 16 '79

\$ gains on yen; allowances drop. Richard C. Barnard. AF Times 39:1+ May 14 '79

'Drag alongs' get spinoff of hike. AF Times 40:1+ Sep 17 '79

End pay link, Carter says. Tom Philpott. illus AF Times 39:1+ Jun 18 '79

FY '81 'assumption': 7.4% hike. AF Times 40:3 Dec 10 '79

50% COLA cut in Germany scrapped for 3-step plan. Richard C. Barnard. AF Times 39:1+ May 21 '79

Free allotment service may end. Tom Philpott. AF Times 40:1+ Oct 8 '79

GAO wants pay cap limits. Tom Philpott. AF Times 40:3 Dec 3 '79

Hart bill asks \$\$ for docs, dentists, too. tab AF Times 39:21 Apr 16 '79

High-cost areas eyed for extra \$\$\$. Tom Philpott. AF Times 40:1+ Oct 15 '79

Hill feud cuts off pay authority. Andy Plattner. AF Times 40:3 Oct 15 '79

Hill ignores people issues. AF Times 40:3 Dec 31 '79

PAY, ALLOWANCES, ETC - ContinuedArmed Forces--U.S. - Cont'd

Hill panel weighs civilian pay link. AF Times 40:3 Oct 22 '79

Independent pay board asked. Richard C. Barnard. AF Times 39:6 May 28 '79

Inflation outpaces pay; EM victims. Tom Philpott. AF Times 39:1+ Jan 8 '79

Is pressure building for bigger pay hike? Tom Philpott. illus AF Times 39:1+ May 14 '79

JCS ask pay study, 'at least' 7 percent hike. Tom Philpott. AF Times 39:1+ Jul 2 '79

Keep older members, says Brookings study--save \$\$, expertise. tabs AF Times 39:8 Jul 2 '79

Military pay lags civilian by \$4.7B. tabs AF Times 40:1+ Nov 5 '79

More food \$\$ (for business travel) draws fire. AF Times 40:3 Dec 24 '79

New pay and allowance rates. Tables only. AF Times 40:4 Sep 17 '79

New pay study eyes 'erosion.' Tom Philpott. AF Times 39:1+ Jul 23 '79

New pay study is announced. MarCor Gaz 63:2 Sep '79

Pay--and erosion of benefits. AF Times 40:36 Sep 24 '79

Pay boost for the Armed Forces effective October 1, 1979. Tables only. Soldiers 34:4 Nov '79

Pay hike eyed for 8 grades. Tom Philpott. AF Times 40:1+ Oct 22 '79

Pay outlook bright. Interview. Gen Lew Allen, Jr. illus AF Times 40:4 Dec 3 '79

Pay plan could favor military. AF Times 39:3-4 Jun 25 '79

Pentagon views pay hike, more benefits in FY 1981. Interview. Robert B. Pirie, Jr. illus Armed Forces J Intl 117:6 Dec '79

President rejects DOD pay package. Tom Philpott. AF Times 40:1+ Dec 10 '79

'Reallocation' push rejected. Tom Philpott. AF Times 40:1+ Aug 6 '79

Senate kills (military pay) raise try. tab AF Times 40:10 Nov 26 '79

Service Secretaries send memos: Mark to Brown--push for 7% hike. Tom Philpott. AF Times 39:1+ Jun 11 '79

Sgts Assn wants pay raise, 'comparability.' AF Times 40:10 Sep 3 '79

7 percent raise set for military, civilians. Tom Philpott. AF Times 40:1 Sep 10 '79

6.5% hike is possible. Tom Philpott. AF Times 40:1+ Sep 3 '79

Some Air Force views on military compensation. Antonia Handler Chayes. illus Air Reservist 31:3 May '79

PAY, ALLOWANCES, ETC - ContinuedArmed Forces--U.S. - Cont'd

Special pay hike planned for '80. Interview. Robert B. Pirie, Jr. illus AF Times 40:1+ Nov 5 '79

System fouled by pay caps. Tom Philpott. AF Times 40:1+ Sep 17 '79

Text of JCS memo on pay. AF Times 39:32 Jul 2 '79

'Tommy's' fair share: Inflation and the pay cap. L. Edgar Prina. illus Sea Power 22:30-32 Sep '79

We'll fight for kin, not for pay relief. Interview. MajGen Stanley M. Umstead. illus AF Times 39:7 Jun 25 '79

What RMC (Regular Military Compensation) tables show. tabs AF Times 40:1+ Oct 1 '79

White House eyes separate pay hike plan. AF Times 39:2 Jun 11 '79

Win some, lose some. AF Times pt 1, Pay--and erosion of benefits. 40:36 Sep 24 '79; pt 2, \$436 million 'savings,' or pay revision blues. 40:35+ Oct 1 '79; pt 3, Since 1970, attempts to delay pay raises. 40:28+ Oct 8 '79; pt 4, Travel entitlements: Costs offset gains. 40:18 Oct 15 '79; pt 5, 'Institutional' benefits changes. 40:44+ Oct 22 '79; pt 6, Many incentive pays unchanged for years. 40:51 Oct 29 '79; pt 7, 'Turbulence' to last awhile. 40:49 Nov 5 '79

History

Pay scales (in 1949): A dramatic change. Bruce Callander. tabs AF Times 39:14+ Jul 16 '79

Army--U.S.History

Pay day ... end of the line. SP5 Philip Lawrence. illus Soldiers 34:11-12 Sep '79

Reserve Forces--Armed Forces--U.S.

Brown and Services fight on Reserve pay. AF Times 40:1+ Sep 3 '79

Brown won't ask Res(erve) pay overhaul. AF Times 40:24 Sep 10 '79

New Reserve drill pay rates. Table only. AF Times 40:7 Oct 8 '79

PEACE

Peace and conflict processes--a research overview. Paul Wehr. Armed Forces & Soc 5:467-486 Spring '79

Pooling technology for peace. Bruce Callander. AF Times 40:14+ Oct 22 '79

PEARL HARBOR, 1941

I remember it well. John H. McGoran. illus US Nav Inst Proc 105:64-66 Dec '79

Pearl Harbor aftermath. CAPT Wilfred J. Holmes, Ret. illus US Nav Inst Proc 104:68-75 Dec '78

PEATROSS, O. F.

The Makin Raid. MajGen O. F. Peatross, Ret. MarCor Gaz 63:96-103 Nov '79

PERFORMANCE REPORTS see Airman Performance Reports; Effectiveness Reports

PERIODICALS

See also
Newspapers

Quantitative international conflict studies; A look at the record. Cindy Cannizzo. tabs Armed Forces & Soc 6:111-121 Fall '79

United States

How the Interceptor was born. Roger Crewse. illus Interceptor 21:5-7 Oct '79

PERMANENT CHANGE OF STATION

Ease the pain of moving. Marilyn Pribus. illus Translog 10:8+ May '79

INTRO (Individualized Treatment and Orientation) needs support. AF Times 40:41 Oct 22 '79

More travel \$\$ asked. Tom Philpott. AF Times 40:1+ Sep 24 '79

Panel (House Appropriations Committee) turns down boost in PCS \$\$. AF Times 39:3 May 28 '79

Permanent change of station relocation expenses of civilian employees. TIG Brief 31:15 Jun 1 '79

PERRY, William J.

MX mobile basing. William J. Perry. Command Plcy 2:8-12 Nov '79

NATO necessity: Arms cooperation. William J. Perry. Command Plcy 2:2-7 Sep '79

Soviets moving fast in R&D, Hill told. William J. Perry. AF Times 39:20 Mar 19 '79

PERSHING, John J.

Generalship. MajGen I. B. Holley, Jr. por AU Rev 30:68-79 Jul-Aug '79

'Your authority in France will be supreme': The Baker-Pershing relationship in World War I. Donald Smythe. Parameters 9:38-45 Sep '79

PERSIAN GULF REGION

Aviation in the Arabian Gulf. Peter Tallon. illus map Interavia 34:580-582 Jun '79

The Indian Ocean: Front door of the Middle East. Gregory Copley. map Def & For Aff Dig 7, No. 6: 28-30+ '79

The strategic tremors of upheaval in Iran. Alvin J. Cottrell and RADM Robert J. Hanks, Ret. illus Strat Rev 7:50-56 Spring '79

The United States and the crescent of crisis: A view from the region. Shafqat Ali Shah. illus Strat Rev 7:39-50 Fall '79

Unlikely Service secretaries will go, or Persian Gulf Command be established. Benjamin F. Schemmer. Armed Forces J Intl 116:11 Jan '79

Strategic Importance

Soviet oil and the security of the Gulf. Dennis Chaplin. RUSI J for Def Studies 123:50-52 Dec '78

PERSIAN GULF REGION - ContinuedStrategic Importance - Cont'd

What U.S. and West may have 'lost' in Iran. Col Robert D. Heintz, Jr., Ret. illus Sea Power 22:15-16 Feb '79

PERSONAL AFFAIRS

See also
Loans, Personal

Estate planning: Avoiding future shock. Steve Abbott. tabs Soldiers 34:44-48 Mar '79

Garnishment proposals reveal few changes. AF Times 40:3 Nov 19 '79

Personal financial management. 2dLt Willie B. Tomony. illus AF Compt 13:38 Apr '79

Personal financial management program: Commanders' and supervisors' responsibilities. TIG Brief 31:5 Jul 13 '79

Handbooks, Manuals, etc

Handbook for military families. illus tabs AF Times, Times Magazine sup: entire issue Jun 18 '79

PERSONAL APPEARANCE

Dress and personal appearance: 'Look great in '78.' TIG Brief 31:7-8 May 18 '79

PERSONAL EQUIPMENT

See also items by name, e.g.,
Clothing, Protective
Helmets
Survival Equipment

Invisible equipment. Capt Howard M. Harding. illus Combat Crew 29:16-17 Oct '79

It's about time the Corps redesigned personal gear. 1stLt Steven J. Lynn. illus MarCor Gaz 63:52-58 Jul '79

Laser eye protection for flight personnel. Gloria Twine Chisum. illus tabs Aviation, Space & Envt Med 50:239-242 Mar '79

Personal equipment for the combat pilot. Yves Robins. illus Aerosp Intl 15:15-19 Aug-Sep '79

Spectacle inserts for protective masks. TIG Brief 31:14 Dec 7 '79

PERSONAL PROPERTY see Household EffectsPERSONNEL

For strength of the services see subdivision Statistics under the respective services, e.g., Air Force--United States--Statistics.

See also
Manpower, Military
Retention of Military Personnel

Air Force--U.S.

The indispensable resource. (Presentation, Air Force Sergeants Assoc Division 1 Convention, Wakefield, MA, May 26, 1979) LtGen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup No. 7:26-30 Jul '79

PERSONNEL - ContinuedAir Force--U.S. - Cont'd

Manpower and personnel program. (Address, House of Representatives Armed Services Committee, Washington, Feb 28, 1979) Antonia Handler Chayes. AF Plcy Ltr for Comdrs: Sup No. 4:2-14 Apr '79

The name of the game is service. TIG Brief 31:9 Feb 9 '79

Personnel outlook: Nine-tenths overcast. Ed Gates. illus AF Mag 62:130-132+ Sep '79

Armed Forces--U.S.

Dropouts should pay back Services. Len Famiglietti. AF Times 40:4 Nov 5 '79

Hill ignores people issues. AF Times 40:3 Dec 31 '79

What's ahead in the 80's--some projections for the all-volunteer Armed Forces. Joseph Ober. tabs Review 58:28-31 Nov-Dec '79

Laws and Regulations

White House seeks to ease Ethics Act rules. AF Times 39:2 Apr 9 '79

Army--U.S.

An alternative for work force management. John W. Adams, Jr. illus tab Armed Forces Compt 24: 4-7+ Nov '79

Aviation personnel policy. LtCol Dave Carothers. illus chart USA Avn Dig 25:14-15 Jul '79

Our ability to "fight now" depends on people. LtGen Robert G. Yerks. illus Army 29:58-63 Oct '79

Training key to success of force modernization. Gen Donn A. Starry. illus Army 29:30-34 Oct '79

Marine Corps--U.S.

Marine recounts kidnapping in Iran. (Interview with Sgt Kenneth L. Kraus) Mel Jones. AF Times 39:6+ Mar 12 '79

A plumber's view of personnel turbulence. Maj D. P. Evans. illus tabs MarCor Gaz 63:49-55 Sep '79

Navy--U.S.

The challenge in enlisted personnel management. CDR John J. Pursel. illus US Nav Inst Proc 105:65-69 Sep '79

How will we man the fleets? CAPT Brayton Harris, Ret. illus US Nav Inst Proc 105:72-87 May '79

Integration of the Navy (1941-1978). Frederick S. Harrod. illus US Nav Inst Proc 105:40-47 Oct '79

The new breed of sailor. QMC Raymond E. Hasson. illus US Nav Inst Proc 105:41-45 Mar '79

Retention: Our #1 goal. LTJG Richard T. Anderson, Jr. tabs illus US Nav Inst Proc 105:82-85 Jul '79

History

Jim Crow in the Navy (1798-1941). Frederick S. Harrod. illus tab US Nav Inst Proc 105:46-53 Sep '79

PERSONNEL ADMINISTRATION

AFA addresses personnel problems (at Annual Convention, Washington, Sep 17-19, 1979). Len Famiglietti. AF Times 40:4 Oct 1 '79

AFOs: People managers in a rapidly changing environment. Capt J.M. Lebsack. illus AF Compt 13:34-35 Jan '79

Administrative job rotation. TIG Brief 31:11 Jun 15 '79

An alternative for work force management. John W. Adams, Jr. illus tab Armed Forces Compt 24: 4-7+ Nov '79

Aviation personnel policy. LtCol Dave Carothers. illus chart USA Avn Dig 25:14-15 Jul '79

Call it 'dream sheet,' but take care with it (Form 90). AF Times 40:23 Dec 3 '79

The care and feeding of attached crew members. Maj David V. Froehlich. illus Aerosp Safety 35:14-16 Feb '79

The challenge in enlisted personnel management. CDR John J. Pursel. illus US Nav Inst Proc 105:65-69 Sep '79

Civil service reform: "A world of responsibility for management." (Remarks, Conference on Civil Service Reform, Ocean City, MD, Oct 23, 1978) Harold Brown. illus Def Mgt J 14:9-11 Nov '78

Civilian attrition. CDR W.E. Peterson. illus tabs AF Engrg & Svcs Qtr 20:9-13 Feb '79

Do your people produce for you? LtCol Gabriel S. Saliba, Jr. illus Armed Forces Compt 24:32-34 Nov '79

EPMS (Enlisted Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest

Equal employment opportunity civil suits: An analysis of their impact. LtCol George M. Nakano. AF Law Rev 20, No. 2:119-161 '78

Hikes not hurt by skill level grade change. Len Famiglietti. AF Times 40:19 Dec 24 '79

How the Navy is tapping management potential. John Walker Hartigan. illus Def Mgt J 15:28-33 Jul-Aug '79

Image--its role in achieving total success. MajGen William D. Gilbert. AF Engrg & Svcs Qtr 20:2-4 Aug '79

Images: A reflection on people management (at Thule AB, Greenland). Col Clark T. Price and LtCol Arthur T. Stellmach. illus AF Engrg & Svcs Qtr 20:23-25 Feb '79

Management of attached crewmembers. TIG Brief 31:20 Jun 1 '79

OPMS (Officer Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest

One attempt at managing change. LtCol Keith B. Wolff. illus Def Mgt J 15:18-21 May-Jun '79

Our ability to "fight now" depends on people. LtGen Robert G. Yerks. illus Army 29:58-63 Oct '79

PERSONNEL ADMINISTRATION - Continued

Our personnel admin is sick. Capt Oscar De La Garza. MarCor Gaz 63:26 Dec '79

Participative personnel management: Involuntary servitude of managers? Sherrie Holliman and Nina Schlegel. illus Def Mgt J 15:18-22 Jul-Aug '79

The peripatetic manager: Executive rotation at Dahlgren Laboratory. Philip L. Martin. illus Def Mgt J 15:6-13 Sep-Oct '79

Post job critique: Improving our self image. Eric Stephens. illus AF Engrg & Svcs Qtr 20:22-23 Aug '79

Service--the cornerstone of Accounting & Finance. LtCol C.L. Martin, Jr. illus AF Compt 13:16-19 Jan '79

Setting shipboard priorities. LCDRs Kenneth R. McGruther and John P. Morse. illus US Nav Inst Proc 105:36-41 Feb '79

Total responsibility. LtCol E. Richard St-Laurent. illus Infantry 69:29-31 Mar-Apr '79

Use of members who are temporarily decertified from the Personnel Reliability Program (PRP). TIG Brief 31:6 Mar 23 '79

PERSONNEL CLASSIFICATIONAir Force--U.S.

Administrative job rotation. TIG Brief 31:11 Jun 15 '79

The care and feeding of attached crew members. Maj David V. Froehlich. illus Aerosp Safety 35:14-16 Feb '79

Classifier-manager communication. TIG Brief 31:7 Aug 17 '79

Consolidation is in store for MWR operations. Len Famiglietti. AF Times 39:4 Jul 23 '79

18 SRB skills added Oct 1. Bruce Callander. AF Times 40:1+ Sep 17 '79

MPC (Manpower and Personnel Center) to bring back two-grades-per-skill. Len Famiglietti. tab AF Times 40:4 Oct 29 '79

Only qualified airmen identified for control AFSC (CAFSC) rollup. TIG Brief 31:11 Jan 26 '79

Production-Oriented Maintenance Organization (POMO) SKT analysis. TIG Brief 31:8 May 18 '79

Security police Special Experience Identifiers. TIG Brief 31:6 Nov 16 '79

Army--U.S.

Aviator management. Maj William B. Leonard III. illus charts USA Avn Dig 25:16-19 Jul '79

PERU

In the land of the Incas. SSgt Bill Welch. illus Airman 23:16-20 May '79

PEST CONTROL

War is hell on bugs, too. Joyce C. Ware. illus Army 29:37-39 Feb '79

PETAÏN, Henri P.

Pétain--a partial rehabilitation. Keith Hammond.
Army Qtr 109:295-300 Jul '79

PETERSEN, Forrest S.

(Naval Air Systems Command) Interview. VADM
Forrest S. Petersen. por Mil Elect/Countermea-
sures 5:14+ Jul '79

PETROLEUM

Flying fossils. J.R. Henningfeld and A.T. Peacock.
illus tab Aerosp Safety 35:18-20+ Jun '79

Global Hope aground: Chronicle of an oil spill. LCDR
Kent W. Mathews. illus US Nav Inst Proc 105:127-
130 Oct '79

Supply and Distribution

The Coast Guard role in deepwater ports. Kenneth J.
Burnette. illus maps Mil Engr 71:334-337 Sep-
Oct '79

Exchanges limit gas sales. Suzanne Viau. illus AF
Times 39:4 Apr 2 '79

Oil reserves depleted--DOD's response questioned.
Armed Forces J Intl 117:8 Dec '79

There's no break on gas prices for military buyers.
Suzanne Viau. AF Times 39:1+ May 28 '79

Time running out at exchange gas stations. Suzanne
Viau. AF Times 39:1+ Feb 26 '79

U.S. oil sea routes and minor naval powers. Milan
Vego. illus tabs map Def & For Aff Dig 7, No. 8:
12-15+ '79

Supply and Distribution

How long can the oil last? tabs Interavia 34:980-981
Oct '79

Mexico

Mexican petroleum and U.S. national security. Rich-
ard R. Fagen. Intl Sec 4:39-53 Summer '79

Middle East

What if? U.S. military strategy for the Middle East.
Juan Cameron. (Reprinted from Fortune, May 7,
1979) maps Mil Rev 59:8-17 Nov '79

Persian Gulf Region

U.S. military options to protect Persian Gulf oil are
limited. R.L. Janisch. tabs Armed Forces J Intl
116:24 Jul '79

Russia

Soviet oil and the security of the Gulf. Dennis Chaplin.
RUSI J for Def Studies 123:50-52 Dec '78

Spratly Islands

Pacific contest emerges for Spratly Islands' oil. CDR
F.C. Kane. illus map Armed Forces J Intl 116:30
Apr '79

United States

Conserving energy and combat readiness. Bonner
Day. illus tabs AF Mag 62:67-71 Oct '79

PETROLEUM - ContinuedUnited States - Cont'dCosts

Fuel availability and cost problems. TIG Brief 31:10
Aug 3 '79

PETROLEUM INDUSTRY AND TRADE

The oil crisis: Is there a military option? map tabs
Def Monitor 8: entire issue Dec '79

Statistics

How long can the oil last? tabs Interavia 34:980-981
Oct '79

United States

Data show Services gouged in oil flap. Randy Shoe-
maker. AF Times 40:12 Sep 17 '79

PHILIPPINESHistory

"He served on Samar." Capt Paul Melshen. illus US
Nav Inst Proc 105:42-48 Nov '79

PHILIPPINES (REPUBLIC)

Strategic and economic effects of the U.S.-China
rapprochement on the Philippines. LCDR Jesus L.
Regala. Nav War Col Rev 32:99-103 Jul-Aug '79

Foreign RelationsUnited States

New accord signed by U.S., Philippines. AF Times
39:8 Jan 22 '79

PHOTOGRAMMETRY

Photogrammetry--beyond the eyes of man. Peter M.
Schumacher. illus Signal 34:22-25 Sep '79

PHOTOGRAPHIC RECONNAISSANCE see Reconnaissance, Aerial

PHOTOGRAPHIC SURVEYING see Surveying by Air

PHOTOGRAPHYSee also

Cameras

Forum of flight. Regular feature in some issues of
American Aviation Historical Society Journal

PHOTOGRAPHY, AERIAL

Skatan: A mini-RPV for reconnaissance. LtCol P.
Crèvecoeur. illus tabs Intl Def Rev 12, No. 4:
606-608 '79

History

Camera in the sky: The Dallin Aerial Surveys Co,
1924-1941. Milton Sheppard. illus Am Avn Hist
Soc J 24:13-18 Spring '79

PHOTOGRAPHY, MILITARY

Civil War photos viewed through a modern lens. Bar-
ry Sparks. illus Army 29:44-47 May '79

Naval and maritime prize photography, 1979. Picto-
rial. US Nav Inst Proc 105:81-86 Oct '79

PHOTOGRAPHY, MILITARY - Continued

On the winning side. (Winning AF photos from the Military Photographer of the Year competition) illus Airman 23:9-13 Jul '79

Photo finish. Capt Clifford H. Bernath. illus Soldiers 34:33-36 Jul '79

PHOTOGRAPHY, SPACE

A legal regime for space activities. (Remarks, American Astronautical Society, Houston, TX, Oct 31, 1978) MajGen Walter D. Reed. AF Plcy Ltr for Comdrs: Sup No.1:9-15 Jan '79

PHYSICAL EDUCATION AND TRAINING

Competitive sports--preparing for battle. Capt Stephen D. Westbrook. illus Armor 88:47-49 Mar-Apr '79

Physiological effects of a military training program on male and female cadets. William L. Daniels and others. tabs Aviation, Space & Envmt Med 50:562-566 Jun '79

PHYSICAL EXAMINATIONS see Medical ExaminationsPHYSICAL FITNESS

Administering physical standards. TIG Brief 31:15 Nov 16 '79

Chronic fatigue. Maj Roger L. Jacks. Aerosp Safety 35:2-4 Jan '79

Competitive sports--preparing for battle. Capt Stephen D. Westbrook. illus Armor 88:47-49 Mar-Apr '79

Effect of water and electrolyte replacement during exercise in the heat on biochemical indices of stress and performance. Kennon T. Francis. tabs Aviation, Space & Envmt Med 50:115-119 Feb '79

Fitness for war--food and feet. (Report of seminar, RUSI, March 7, 1979) RUSI J for Def Studies 124: 18-28 Sep '79

Gin and ... soda? Col William F. Belk. illus Aerosp Safety 35:18-20 Dec '79

Going the distance: If the Infantry can run 3 miles, can I run 26? Michelle McCormick. illus AF Times, Times Magazine sup:14-16 Jun 4 '79

Physiological effects of a military training program on male and female cadets. William L. Daniels and others. tabs Aviation, Space & Envmt Med 50:562-566 Jun '79

Problems to anticipate with the growth of marijuana smoking. Hardin B. Jones. illus Aerosp Safety 35: 18-24 May '79; TAC Attack 19:18-22 Nov '79

Response of women mountaineers to maximal exercise during hypoxia. Barbara L. Drinkwater and others. tabs Aviation, Space & Envmt Med 50:657-662 Jul '79

Self-pacing during sustained repetitive exercise. W.S. Myles and others. tabs Aviation, Space & Envmt Med 50:921-924 Sep '79

A survey of aerobic fitness levels in a Canadian military population. W.S. Myles and C.L. Allen. tabs Aviation, Space & Envmt Med 50:813-815 Aug '79

PHYSICAL FITNESS - Continued

Syncopal episodes: Fainting in aircrews. WgComdr Michael D. Miller. illus tab TAC Attack 19:20-21 Jun '79

Temperature changes during exercise measured by thermography. James H. Veghte and others. illus tabs Aviation, Space & Envmt Med 50:708-713 Jul '79

There's room for improvement in physical fitness. Maj S.P. Mehl. illus MarCor Gaz 63:39-42 Jan '79

35, older: Walk, don't run (in) physical fitness tests. Ron Sanders. AF Times 39:2 Feb 5 '79

Women's 'fat' related to build. Ron Sanders. AF Times 39:6 Jul 2 '79

You bet your life. illus tab MAC Flyer 26:6-9 Aug '79

PHYSICALLY HANDICAPPED see HandicappedPHYSICIANS

Bill would give docs \$22,000 in bonuses. Suzanne Viau. AF Times 40:14 Sep 24 '79

'Crash' doctors. (USAF doctors do research for prevention of injuries to air crews) Capt Dick Sheffield. illus Airman 23:31-35 Feb '79

(DOD) study asks PAs be made WOs. Richard C. Barnard. AF Times 39:3 Jul 16 '79

DOD: Treat war casualties in CONUS (as an) alternative to Dr draft. AF Times 39:4 Jan 8 '79

Defense Authorization Bill: O'seas kin reduced; doctors get bonus. AF Times 40:4 Nov 12 '79

Doc shortage: Report says limit kin. Richard C. Barnard. AF Times 39:6 Jan 8 '79

Dr Mary Walker, Civil War surgeon. SP5 Lana Ott. illus Soldiers 34:21-22 Nov '79

The doctor shortage. Marion Corddry. illus Army 29:18-24 May '79

Doctor shortage called a management problem. Richard C. Barnard. AF Times 39:2 Mar 26 '79

Draft doctors, surgeons general say. Richard C. Barnard. AF Times 39:4 Apr 2 '79

1st Med(ical) Red Flag held. illus AF Times 40:26 Dec 24 '79

Hart bill asks \$\$ for docs, dentists, too. tab AF Times 39:21 Apr 16 '79

Health care promises to be top Hill issue. AF Times 39:21 Feb 19 '79

Health care woes: People, places, \$\$ (Testimony to Congress) LtGen Paul W. Myers. AF Times 39:8 Mar 5 '79

House passes doctor bonus bill. Richard C. Barnard. AF Times 40:6 Nov 26 '79

If your military doctor makes a mistake, can you sue? Marianne Lester. illus AF Times, Times Magazine sup:6-12 Oct 1 '79

Improving health care. (Presentation, House Armed Services Committee, Feb 16, 1979) LtGen Paul W. Myers. AF Plcy Ltr for Comdrs: Sup No.5: 20-26 May '79

PHYSICIANS - Continued

- (Lt)Gen Myers on PAs: Pluses in health care. AF Times 39:40 Jun 18 '79
- MD losses cut active care. Richard C. Barnard. AF Times 39:3 Jul 9 '79
- Med school limit--surgeons general protest on Hill. illus AF Times 39:21 Mar 5 '79
- The military doctor shortage: An identity crisis. Maj A. T. Hadley III. illus Army 29:41-43 Jan '79
- Mobilization snags persist. AF Times 39:8 Jun 11 '79
- The naval officer/medical officer quandary. Michael S. Smith. illus US Nav Inst Proc 105:42-45 Sep '79
- Navy hiring 100 MDs to treat dependents. AF Times 40:23 Aug 6 '79
- New family practice clinics ahead. Ron Sanders. AF Times 39:3 Feb 26 '79
- \$9000 annual bonus sought for docs (by House Armed Services Subcommittee on Military Compensation). Richard C. Barnard. AF Times 39:3 Apr 23 '79
- Pay some doctors a super bonus. (Interview with Vernon McKenzie) illus AF Times 39:10 Jul 16 '79
- (Rep) Panetta: Contract with private MDs--paid by CHAMPUS. AF Times 39:19 Jul 16 '79
- Senate OKs bonus boost for docs. AF Times 40:4 Dec 31 '79
- 28 MD assistants to start training. Ron Sanders. AF Times 39:4 Jun 18 '79

Salaries and Wages

- \$9000 M.D. bonus proposed in House. AF Times 39:8 May 28 '79

PHYSIOLOGICAL RESEARCHSee also

- Aviation--Physiological Aspects
Space Flight--Physiological Aspects

- Changes in serum ferritin and other factors associated with iron metabolism during chronic hyperbaric exposure. Sara C. Gilman and others. tabs Aviation, Space & Envmt Med 50:223-226 Mar '79
- The human factor: What does it mean to logisticians. LtCol Ronald E. Knipfer and Maj Richard V. Badalamente. illus Log Spectrum pt 1, Physiological factors. 13:23-27 Spring '79; pt 2, Motivation. 13:5-9 Winter '79
- The medical effects of blast overpressure. Col Leslie B. Altstatt and others. illus Fld Arty J 47:9-12 Mar-Apr '79
- Smoking--a hazard for aircrews. Maj Thomas E. Bronson. illus tab AU Rev 30:66-73 May-Jun '79

PILOT ERROR

- Chain to death. Maj Kenneth S. Harvell. illus Aerosp Safety 35:22-23 Mar '79
- Doing what comes naturally. Maj Stan Santilli. illus Aerosp Safety 35:10-11 Aug '79

PILOT ERROR - Continued

- Ducking under: Performance and prevention. Capt Ron Sams. illus Aerosp Safety 35:25-27 May '79; Combat Crew 29:8-10 May '79
- Farms for sale. R. C. Delgado. illus tabs Aerosp Safety 35:6-7 Jul '79
- Formation do's and don'ts. LtCol Helmut Oberbrinkmann. illus Aerosp Safety 35:12-13 Jul '79
- Have you heard about this one? Maj Roger L. Jacks. illus Aerosp Safety 35:4-5 Dec '79
- Illusions and flight. illus Aerosp Safety 35:6-8 Mar '79
- Low altitude mishaps, or how not to hit the ground. Maj Terrell J. Osborn. illus tab Aerosp Safety 35:1-2 Aug '79
- No way out. Roger G. Crewse. illus Aerosp Safety 35:4-5 Jul '79
- Pilot error: The why behind the words. Capt Frank Walker. Aerosp Safety 35:4-5 Mar '79
- Pilot operational deviations. tab TIG Brief 31:16 Nov 2 '79
- Pilots are people too. Maj Lionel P. Johnson. illus Interceptor 21:5-9 Apr '79
- Risk assessment--the first step. Maj Alan T. Reid. illus tab TAC Attack 19:4-6 Aug '79
- Then & now. Anchar F. Zeller. illus Aerosp Safety 35:2-3 Jul '79
- The way it was: Complacency revisited. LtCol Richard A. Rung. illus Aerosp Safety 35:2-4 May '79
- Who's flying the airplane? illus Aerosp Safety 35:14-15 Aug '79

PILOTSSee also

- Aces
Astronauts
Test Pilots

- AF against bringing back WOs. M. L. Craver. AF Times 40:2 Sep 17 '79
- Airlines: Be aware of pitfalls. Bruce Callander. AF Times 40:18 Nov 26 '79
- Be the best. Cliff L. Stout. Aerosp Safety 35:10-12 May '79; Adaptation. USA Avn Dig 25:18-20 Aug '79
- The care and feeding of attached crew members. Maj David V. Froehlich. illus Aerosp Safety 35:14-16 Feb '79
- Chiefs want to hike flying time. AF Times 39:11 Jun 11 '79
- Civilian employment opportunities and you. CW2 Paul E. Merchant. illus USA Avn Dig 25:14-15 Dec '79
- Commands in drive to stem pilot loss. M. L. Craver. AF Times 39:14 Feb 12 '79
- Controlled aggressiveness. BrigGen Robert E. Kelley. illus TAC Attack 19:10-11 Jan '79
- Crew attitudes and performance. Capt R. C. Gerber. illus MAC Flyer 26:18-20 Apr '79

PILOTS - Continued

Flight pay proposal still clouded. Bruce Callander. AF Times 39:28 Feb 12 '79

Flying the morning after the night before. Leon M. Wise. illus USA Avn Dig 25:31-33 Feb '79

(Gen B.L.) Davis to Daedalians: Pilot loss alarming. illus AF Times 40:8 Nov 19 '79

German pilots: 3 types; no up-or-out. Paul Smith. AF Times 39:32+ Jan 15 '79

Gin and ... soda? Col William F. Belk. illus Aerosp Safety 35:18-20 Dec '79

How pilot bonus idea would work. Bruce Callander. AF Times 39:4 Feb 19 '79

Loss of control? Capt Mike Davis. illus Interceptor 21:23 May '79

Loyalty down is as important as loyalty up. Interview. Gen Lew Allen, Jr. illus Armed Forces J Intl 116: 26-29 Feb '79

More women to get pilot, navigator training. AF Times 40:23 Nov 26 '79

Navy pilots are bailing out. LCDR Robert W. Day. illus tab US Nav Inst Proc 105:61-65 Oct '79

No surprises in why pilots leave service. M.L. Craver. tab AF Times 39:23 Jun 4 '79

One came back. (Capt Jim Brown returns to the AF from an airline job) Capt Rick Campbell. illus Airman 23:9-11 Aug '79

One view of aviator retention. LtCol D.R. Stanton. tab MarCor Gaz 63:16-18 Jan '79

Personal equipment for the combat pilot. Yves Robins. illus Aerosp Intl 15:15-19 Aug-Sep '79

Personnel outlook: Nine-tenths overcast. Ed Gates. illus AF Mag 62:130-132+ Sep '79

Pilot deviations show congestion. Len Famiglietti. AF Times 40:3 Nov 19 '79

Preflighting is only the beginning. Maj Lyle Samuels. illus TAC Attack 19:10-12 Jun '79

Preparing for the unexpected. Capt Skip Brownyard. illus Combat Crew 29:27+ Jun '79

Rated duty following supplement tours. AF Times 40:5 Sep 3 '79

Rated Supplement declines, will stay. M.L. Craver. AF Times 39:9 May 14 '79

Second chance to fly: How retirees can exchange their old wings for new ones. John Lowery. illus AF Times, Times Magazine sup:14-18 Apr 2 '79

Shining. Maj Lionel P. Johnson. illus Interceptor 21: 5-9 Sep '79

So you're going to be a flight leader. Capt Gary L. Sholders. illus Aerosp Safety 35:4-6 Aug '79

Stress: How much can a pilot handle? Donna M. Peterson. illus AF Times 39:51 May 28 '79

Student pilots referred to the Neuropsychiatry Branch, USAFSAM (USAF School of Aerospace Medicine) 1968-78: Implications for selection. Richard A. Levy and others. tabs Aviation, Space & Envmt Med 50:1173-1175 Nov '79

PILOTS - Continued

There's no up-or-out in RAF. Paul Smith. illus AF Times 39:48 Feb 5 '79

Two-tiered pilot system possible, starting in FY 80. M.L. Craver. AF Times 40:3 Oct 8 '79

The ultimate decision. Maj Roger L. Jacks. illus Aerosp Safety 35:24-25 Sep '79

Education and Training

See also

Instructor Pilots

'Aggressor' pilots lead a double life. (Interview with Maj Roger Pierce) Len Famiglietti. illus AF Times 39:10 Apr 2 '79

Blue Flag. Capt Thomas J. Norton. illus AU Rev 30: 58-68 Jan-Feb '79

The bullet-proof best. Capt Katie Cutler. illus Airman 23:2-7 Jun '79

The EA-6B weapon systems trainer. Murry Shohat. illus Mil Elect/Countermeasures 5:50+ Apr '79

The education and training program. (Presentation, Subcommittee on Manpower and Personnel, Senate Armed Services Committee, March 21, 1979) MajGen Charles G. Cleveland, tabs AF Plcy Ltr for Comdrs: Sup No. 6:7-18 Jun '79

Female fliers: Test a success. Bruce Callander. illus AF Times 39:3 Apr 2 '79

Fighter crews: You fight the way you practice. LCDR Lynn Carter II. illus US Nav Inst Proc 105:65-69 Apr '79

Helicopter flight training (Marine and Navy) to be combined. MarCor Gaz 63:2 Feb '79

Increased air-to-air specialization training: An alternative. Maj Donald J. Alberts and Capt Leroy Mock. illus AU Rev 30:2-14 Nov-Dec '78

Instilling more direction and vitality into Marine Aviation tactical training. Maj Robert J. O'Rourke. illus MarCor Gaz 63:73-78 May '79

The 'little white mice' that fly. (T-38s are used to train tactical fighter aircrews at Holloman AFB, NM) A1C Thomas R. Power. illus Airman 23:17-20 Sep '79

Loss of consciousness in high performance fighters. (What to do about it) Maj Peter R. Nash. illus Aerosp Safety 35:6-7 Nov '79

Pilot production to rise sharply. AF Times 39:27 Apr 9 '79

A simulated approach to EA-6B EW aircraft training. LT Robert G. Watkins, Jr. illus US Nav Inst Proc 105:117-118 Apr '79

The Soviet pilot. SqLdr D.G. Hawkins. illus Hawk No. 39:61-65 Winter '78-'79

The talk is TAWC. Robert K. Ruhl. illus Airman 23: 32-36 Jul '79

Ten feet, more or less. George K. Bernhard, Jr. illus Aerosp Hist 26:21-24 Mar '79

PILOTS - ContinuedEducation and Training - Cont'd

Testing air tactics and hardware. (Address to a symposium on air-to-air combat co-hosted by the Air Force Directorate of Concepts and Analyses and the USAF Tactical Fighter Weapons Center, Washington, Aug 1978) Thomas P. Christie. AF Plcy Ltr for Comdrs: Sup No. 1:23-33 Jan '79

The training schemes: All things to all air forces. illus tab Interavia 34:27-30 Jan '79

Training tomorrow's combat pilots. illus tabs Interavia 34:22-26 Jan '79

Which way is up? Robert E. Coward and others. illus TAC Attack 19:12-14 Dec '79

History

American pilots at Foggia. Giorgio Evangelisti, trans by Angelo Dellera. illus tabs Am Avn Hist Soc J 23:272-284 Winter '78

History

The Eagle of Peru (LtComdr Armando Revoredo Iglesias). Eugene E. Bauer. illus Aerosp Hist 26: 208-213 Dec '79

Flying--just barely. (Dr Virgil A. Kelley recalls his early days as a Steerman pilot) Anne Shermer. illus Airman 23:41-43 Mar '79

MajGen H.A. "Bert" Dargue: A lesson in leadership. Gen Laurence S. Kuter, Ret. illus AF Mag 62:80-82 Feb '79

Ten feet, more or less. George K. Bernhard, Jr. illus Aerosp Hist 26:21-24 Mar '79

Statistics

Pilot exodus still growing. M.L. Craver. AF Times 39:3 Jun 18 '79

PILOTS, CIVIL

Second chance to fly: How retirees can exchange their old wings for new ones. John Lowery. illus AF Times, Times Magazine sup:14-18 Apr 2 '79

Education and Training

The Civilian Pilot Training Program. Grove Webster. illus Aerosp Hist 26:34-39 Mar '79

Pilot training--the UK scene. Bill Sweetman. illus Interavia 34:835-836 Sep '79

Soviet civil aviation training programs. Lawrence L. Whetten and James Waddell. illus Interavia 34: 829-834 Sep '79

PILOTS, COMMERCIAL

Airline hiring patterns: Recessions slow pace. Bruce Callander. tab AF Times 40:4 Oct 15 '79

Airlines cut back on pilot hiring. M.L. Craver. AF Times 40:1+ Sep 24 '79

France seeks streamlining of airline pilot recruitment and training methods. Germain Chambost. illus Interavia 34:945-946 Oct '79

PILOTS, COMMERCIAL - ContinuedEducation and Training

France seeks streamlining of airline pilot recruitment and training methods. Germain Chambost. illus Interavia 34:945-946 Oct '79

Lufthansa--more pilots, more simulators. Klaus Hähle. illus Interavia 34:847-848 Sep '79

Swissair--48 new pilots every year. Klaus Hähle. illus Interavia 34:845-847 Sep '79

Training the KLM way. Klaus Hähle. illus Interavia 34:947-948 Oct '79

PIOTROWSKI, John L.

Sentry no 'sitting duck'--commander of AWACS. Interview. MajGen John L. Piotrowski. AF Times 39:12 Apr 23 '79

PIPELINES see Petroleum--Supply and DistributionPIRIE, Robert B., Jr

Commissaries, exchanges and national defense. Robert B. Pirie, Jr. por Review 58:14-15 May-Jun '79

Manpower for mobilization. Robert B. Pirie, Jr. Command Plcy 2: entire issue Oct '79

New education benefits. Interview. Robert B. Pirie, Jr. AF Times 39:3 May 14 '79

Pentagon views pay hike, more benefits in FY 1981. Interview. Robert B. Pirie, Jr. por Armed Forces J Intl 117:6 Dec '79

Pirie: Don't link variable BAQ to pay hike. AF Times 39:13 Feb 26 '79

Pirie on the Hill: All-vol woes--quirk or trend? Robert B. Pirie, Jr. AF Times 39:2 Mar 5 '79

Registration to return if 'standby' SSS fails. Interview. Robert B. Pirie, Jr. por AF Times 40:8 Sep 3 '79

Special pay hike planned for '80. Interview. Robert B. Pirie, Jr. por AF Times 40:1+ Nov 5 '79

PISTOLS

.38 revolver training for security specialists. TIG Brief 31:16 Jan 26 '79

PLANNING-PROGRAMMING-BUDGETING SYSTEM

See also
Economic Analysis

Long-range planning--a new beginning. LtCol Alan Gropman. AU Rev 31:49-54 Nov-Dec '79

Planning, Programming, & Budgeting System: 5 objectives. illus Command 2: entire issue Jan '79

PLASTIC MATERIALS

An advanced technology minehunter from Italy. Michael S.K. Trimming. illus tabs Intl Def Rev 12, No. 2:215-218 '79

GRP sandwich: A new shipbuilding material from Sweden. R.J.L. Dicker. illus Intl Def Rev 12, No. 2:213-214 '79

PLASTIC MATERIALS - Continued

- Greater use for plastic pipe? Lawrence J. Ciancia. illus Mil Engr 71:328-329 Sep-Oct '79
- Improper maintenance of plastic windscreens. TIG Brief 31:10 Sep 7 '79
- Polystyrene foam and its many applications. John Salladay. illus Mil Engr 71:330-332 Sep-Oct '79
- Polyurethane: An important insulation alternative. D.A. Holter. tab illus Mil Engr 71:325-327 Sep-Oct '79

POE, Bryce, II

- Air Force Logistics Command. por AF Mag 62:70-71 May '79
- Aircraft safety. Gen Bryce Poe II. TIG Brief 31:2 May 4 '79
- Doing something about energy (AFLC). LtGen Ira C. Eaker, Ret. AF Times 40:13-14 Jul 30 '79
- Equal employment opportunity. (Presentation, Air Force Logistics Command Equal Employment Opportunity Conference, Robins AFB, GA, March 8, 1979) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup No.10:14-20 Oct '79

POEMS

- Ambulance in the Valley. (A poetic parable on preventing accidents) MAC Flyer 26:11 Oct '79
- Basic Scar Wars. Virginia Copling. Army 29:13 Jul '79
- Christmas on the Line. Maj James G. Gibson II. MAC Flyer 26:16-17 Dec '79
- A Crew Chief. SSgt Gary Martin. TAC Attack 19:28-29 Nov '79
- The France Field Club. Maj J.H. Paul. (Taken from "Once These Wings Were Silver") TIG Brief 31: back cover Feb 9 '79
- Grey Ghosts. Maj J.H. Paul. (Adapted from "Once These Wings Were Silver") TIG Brief 31:23 Dec 7 '79
- Hey Kid! John H. Halcrow. Interceptor 21:16-17 Mar '79
- His Soul Has Wings. Bessie Carroll Hicks. Interceptor 21:16-17 Jul '79
- I Fly the Line. Capt Bill Sadler. MAC Flyer 26:14 Mar '79
- The Last Goodbye. Brown. Interceptor 21:16-17 Jun '79
- Mighty Men Are These. 1stLt George Coakley. Interceptor 21:53 Jan '79
- No External Stores. Dallas R. Blevins. USAF Ftr Wpns Rev, p 26, Fall '79
- Ode to a "Shakey" Takeoff. Maj James G. Gibson II. MAC Flyer 26:12-13 Feb '79
- The Patriots: 'Give a Little Bit More.' LtCol Frank Cagnina. Officer 55:31 Jul '79
- Portugee's Ride. Sgt1C Richard Raymond. Infantry 69:34-36 Jan-Feb '79
- Pressin'. Capt Bill Sadler. TAC Attack 19:16-17 Apr '79

POEMS - Continued

- Reverie at the Museum. Clara Winningham Finn. MAC Flyer 26:4-5 Oct '79
- Season's Greetings. Harry M. Zubkoff. Armed Forces J Intl 117:41 Dec '79
- Thoughts on Guard. Virginia Copling. Infantry 69: inside back cover May-Jun '79
- "A Wish Come True." 2dLt Maryellen Jaklitsch. Interceptor 21:16-17 May '79

POLICE

- Combatting terrorism in Federal Germany. Udo Philipp. illus Intl Def Rev 12, No.6:999-1001 '79
- Memorandum of understanding on military deserters. TIG Brief 31:4 Feb 9 '79

POLITICAL SCIENCE

- Bureaucratic politics: Academic windfalls and intellectual pitfalls. James A. Nathan and James K. Oliver. J Pol & Mil Sociol 6:81-91 Spring '78

POLITICAL WARFARE see War--Political AspectsPOLITICSSee also

- International Politics
- War--Political Aspects
- also subdivision Politics and Government under specific countries

- A competence theory versus need theory of political involvement. Edward G. Carmines. tabs J Pol & Mil Sociol 6:17-28 Spring '78

- The conflict index. Regular feature in issues of Defense & Foreign Affairs Digest beginning with No.4, 1979

- Military vote no 'bloc.' Bruce Callander. AF Times 39:14+ May 14 '79

- The organization of authority in the capitalist state. Nancy Ditomasso. J Pol & Mil Sociol 6:189-204 Fall '78

- The power tables: Significant elections and changes in governments in the past year. Regular feature in some issues of Defense & Foreign Affairs Digest

- Spanish Americans' search for political representation: The 1975 aldermanic election in Chicago. Luis M. Salces. tabs J Pol & Mil Sociol 6:175-187 Fall '78

POLLUTIONSee also

- Environment

- Catalytic converters: Auto emission control systems need special care overseas. illus AF Times 39:28 Mar 5 '79

- Global Hope aground: Chronicle of an oil spill. LCDR Kent W. Mathews. illus US Nav Inst Proc 105:127-130 Oct '79

- What's a corker? SMSgt Ron Christiansen. TAC Attack 19:24-25 Jun '79

POLLUTION - ContinuedLaws and Regulations

EPA: Headed for trouble on trucks and cars. tab Govt Exec 11:32+ Oct '79

POLYGRAPH see Lie Detectors

POPULATIONIsrael

The population factor in the Middle East. Nick Eberstadt and Eric Breindel. tab Intl Sec 3:190-196 Spring '79

Middle East

The population factor in the Middle East. Nick Eberstadt and Eric Breindel. tab Intl Sec 3:190-196 Spring '79

Russia

Russia's growing minorities problem. Harriet Fast Scott. map tabs AF Mag 62:62-66 Oct '79

PORTS

The Coast Guard role in deepwater ports. Kenneth J. Burnette. illus maps Mil Engr 71:334-337 Sep-Oct '79

The Port of Los Angeles. Lee Sellers. illus Def Trans J 35:22-24 Apr '79

Think "untraditional" ... look west to the future. Lee Sellers. illus tabs Def Trans J 35:16-18+ Apr '79

United Kingdom ports--waiting for the recession to end. John Reed Manobier. map illus Def Trans J 35:27-30+ Apr '79

PORTUGALPolitics and Government

The Portuguese Revolution. LCDR James John Tritten. illus Mil Rev 59:57-67 Aug '79

Strategic Importance

Portugal--a new society strengthens the Alliance. José Alberto Loureiro dos Santos. illus NATO's Fifteen Nations 24:96-97 Oct-Nov '79

POST EXCHANGES see Exchanges

POSTAGE STAMPS

Sea service history on postage stamps. Alfred J. Moses. illus US Nav Inst Proc 105:48-51 Oct '79

POSTAL SERVICE

Army ordered to move on joint postal idea. AF Times 39:36 Jun '18 '79

Base Information Transfer System (BITS) quality control. TIG Brief 31:19 Nov 16 '79

DOD wants clout to stop illegal mail. AF Times 40:21 Dec 24 '79

POSTAL SERVICE - Continued

Defense wants Army to run mail system. AF Times 39:8 Jan 15 '79

(Electronic mail delivery system) Signal 33:77 Apr '79

Forwarding mail of military and civilian personnel moving on PCS orders. TIG Brief 31:20 Sep 21 '79

GAO report criticizes mail system blunders. AF Times 40:7 Aug 20 '79

Illegal mail searches by military may end. AF Times 40:21 Nov 26 '79

Illegal mail searches continue. AF Times 40:7 Sep 17 '79

Oct 1, Howard (AB) unit to handle CZ mail. AF Times 39:24 Mar 12 '79

O'seas mail still screened. AF Times 40:4 Aug 13 '79

Panel (House Appropriations Committee) votes cut in space-A mail weight. AF Times 40:6 Oct 29 '79

(The Postal Service and electronic communications) (Industrial luncheon address, AFCEA, Washington, June 21, 1979) William F. Bolger. illus Signal 33: 47-50 Aug '79

U.S.P.S.: "Waves" of the future. William F. Bolger. illus Signal 33:9-12 Jan '79

History

Riders of the Pony Express. Philip R. Smith, Jr. illus Soldiers 34:44-45 Jul '79

POWER PLANTS see

Airplanes, Military--Power Plants

Nuclear Power Plants

Tanks, Military--Power Plant

POWER RESOURCES

Antarctica, the silent continent, awaits the competition. Michael Morgan. illus map Def & For Aff Dig 7, No.10:34-36 '79

Are we overlooking the link between water and energy resources? LtCol Ray D.Schwartz. illus tab Def Mgt J 15:15-19 Jan '79

Combat engineering equipment for the 1980's. Col Bernard C. Hughes. illus tab Mil Engr 71:406-410 Nov-Dec '79

Conserving energy and combat readiness. Bonner Day. illus tabs AF Mag 62:67-71 Oct '79

DOE: Micrometer measured leaps. David Hoffman. Govt Exec 11:31-33 Aug '79

Energy: Unexplored areas. Stefan T. Possony. illus Def & For Aff Dig 7, No.7:48 '79

High energy batteries generating new uses. Charles Wiseman. illus tab Def Elect 11:82-84+ Jul '79

Inexhaustible source of energy. B.Kadomtsev. Soviet Mil Rev No.7:26-27 Jul '79

Is an energy policy possible? Harry H. Wetzel. Govt Exec 11:25+ Nov '79

POWER RESOURCES - Continued

Siberia's power resources. (Interview with Andrei Alexeyevich Trofimuk) illus Soviet Mil Rev No.6: 10-13 Jun '79

Solar power and the future in space. Clarke Covington. tabs illus RUSI J for Def Studies 124:12-21 Mar '79

Straw-colored gold--jet fuel from rocks. LtCol Richard Earl Hansen, Ret. illus AU Rev 31:27-33 Nov-Dec '79

POWER SOURCES see
Nuclear Power Plants
Power Resources
Solar Energy

POWERS, Patrick W.

Test more ... not less. MajGen Patrick W. Powers, Ret. por Natl Def 63:35-37+ Mar-Apr '79

PRECISION GUIDED MUNITIONS

PGM's: How Congress and pundits are resisting a military revolution. C.W. Borklund. tabs illus Govt Exec 11:37+ Nov '79

SecDef, brass witness (PGMs) test: Significance ... "greater than radar." Murry Shohat. illus Mil Elect/Countermeasures 5:45-46 Jan '79

The smart bomb. LtCol Wolfgang Samuel. illus USAF Ftr Wpns Rev, pp 4-9, Winter '78

Tactical PGMs: Implications in perspective. LtCol Wolfgang W.E. Samuel. illus Parameters 9:32-46 Jun '79

Weather problems affecting use of precision guided munitions. LtCol Gary S. Zeigler. illus tabs Nav War Col Rev 32:95-106 May-Jun '79

PREFLIGHT INSPECTIONS

Preflighting is only the beginning. Maj Lyle Samuels. illus TAC Attack 19:10-12 Jun '79

PREGNANCY

DOD: Lift abortion ban, kin limits. AF Times 39:29 Jul 2 '79

Fit for duty: Pregnancy. Adaptation. Col Alvin L. Brekken. AF Times 40:34 Oct 8 '79

Nonprotective abortions OK o'seas if paid ahead. Ron Sanders. AF Times 39:6 Jan 29 '79

PREJUDICES, RACIAL see Race RelationsPREPAREDNESS

See also
Air Defenses
Civil Defense
Defenses

The ADPA and preparedness. James M. Stone. illus tabs Natl Def 63:28-31+ Mar-Apr '79

Compensation cutbacks can cripple readiness. AF Times 40:3 Jul 30 '79

PREPAREDNESS - Continued

'Don't start anything.' Gen T.R. Milton, Ret. AF Mag 62:60 Oct '79

The future of industrial base planning. (Address, ADPA Industrial Base Planning Symposium, Alexandria, VA, April 24, 1979) Sen Roger W. Jepsen. illus Natl Def 64:38-39+ Nov-Dec '79

NATO long term planning: The challenge of the future to the Alliance. LtGen Lothar Domröse. illus tabs NATO's Fifteen Nations 24:114+ Oct-Nov '79

Nuclear crisis: Plans called sketchy. Suzanne Viau. AF Times 39:17 Apr 30 '79

Reflections from a Red Flag. Gen T.R. Milton, Ret. illus AF Mag 62:51-55 Jan '79

PRESIDENTS--U.S.

The 'Taiwan problem' revisited. Vincent C. Thomas, Jr. Sea Power 22:25 Nov '79

PRESLEY, Bobby W.

'I'm dissatisfied with our approach.' Interview. MajGen Bobby Presley. AF Times 39:10 Jan 1 '79

A new Budget Director; three major generals retire. AF Compt 13:3 Jul '79

PRESSURE PATTERN FLIGHT see Navigation, AirPRESSURE SUITS

Evaluation of assisted positive-pressure breathing on +G_z tolerance. Robert M. Shaffstall and Russell R. Burton. illus tabs Aviation, Space & Envmt Med 50:820-824 Aug '79

PRINCIPLES OF WAR see Military Art and SciencePRISONERS AND PRISONS

Life behind locked doors. Sgt Lisa M. Ehrler. illus AF Times 40:49 Aug 13 '79

State duty! illus Natl Guard 33:8-11+ Jun '79

To touch a life. (Some military personnel at Kirtland AFB, NM, help with Albuquerque's Volunteers in Probation program) Sgt Craig Pugh. illus Airman 23:41-44 Oct '79

PRISONERS OF WAR

See also
Vietnamese Conflict, 1957-1975--Prisoners of War

Rehabilitation

See also
Rehabilitation

PRIVACY, RIGHT OF

Draft agency (Selective Service System) needs Privacy Act waiver to meet call-up quotas. AF Times 39:2 Jan 1 '79

Your medical records: How private are they? Lothar H. Wedekind. illus AF Times, Times Magazine sup pt 1, pp 6-12+, Mar 5 '79; pt 2, The civilian world wants a look at them too. pp 10-14, Mar 19 '79

PROBABILITIES

Forecasting considerations. William G. Arnold. illus
AF Compt 13:36-37 Apr '79

PROBLEM SOLVING

(Coping with change) (Sustaining members' luncheon
address, AFCEA Convention, Washington, June 20,
1979) Walter B. LaBerge. illus Signal 33:27-29
Aug '79

Too late to hide. Capt Robert W. Kirkwood. illus TAC
Attack 19:26-28 Jun '79

PROCUREMENT

See also
Weapons Procurement

Laws and Regulations

Impact of OMB Circular 109 on the electronics in-
dustry. P.R. Calaway. Def Elect 11:66-67+ Dec '79

Air Force--U.S.

AFSC: Giving up on tooth faeries. Interview. Gen
Alton Slay. illus Govt Exec 11:14+ Oct '79

'Buying off-the-shelf.' TIG Brief 31:13 Oct 5 '79

The impact of today's electronics technology on sys-
tems acquisition. LtGen Robert T. Marsh. Def Sys
Mgt Rev 2:97-102 Summer '79

Major system acquisition policy. TIG Brief 31:16
Feb 23 '79

Army--U.S.

Breakout. MajGen Richard H. Thompson. illus tab
Army Log 11:8-11 Nov-Dec '79

Test more ... not less. MajGen Patrick W. Powers,
Ret. illus tab Natl Def 63:35-37+ Mar-Apr '79

Defense Dept--U.S.

Contractor's certificate of conformance: New founda-
tion for quality? Edwin F. Grey and Norman A.
Carpenter. illus tab Def Mgt J 15:26-30 Sep-
Oct '79

The critical need for an improved acquisition data
base. Sherman W. Blandin and Albert V. Bruno.
illus Def Mgt J 15:34-37 Mar-Apr '79

Economic analysis: What, when, who, why. TIG Brief
31:19-20 Apr 6 '79

The FY 1980-1984 Defense program: Issues and
trends. Lawrence J. Korb. tabs AEI For Plcy &
Def Rev 1, No. 4: entire issue '79

Navy--U.S.

Naval computers: Getting back on course. Def & For
Aff Dig 7, No. 3:33+ '79

United States

Government misuse of technical data--measuring the
data owners' damages. Capt Eugene S. Cavallucci.
AF Law Rev 20, No. 2:162-181 '78

PROCUREMENT - ContinuedUnited States - Cont'd

How the government obtains patent rights under the
ASPR and FPR patent rights clauses. Capt Steven
R. Fuscher. AF Law Rev pt 1, When is the gov-
ernment entitled to patent rights? 20, No. 3:209-
255 '78

PRODUCTION see Industry

PRODUCTIVITY see Labor Productivity

PROFESSIONAL MILITARY EDUCATION see Noncom-
missioned Officers Academies; Staff Colleges

PROFESSIONALISMSee also

Military Service as a Profession

The Air Force officer. (Excerpts from Dining-In
Address, Class 79-09, Officer Training School,
Lackland AFB, TX, May 2, 1979) MajGen Robert
E. Sadler, Ret. AF Plcy Ltr for Comdrs: Sup No. 9:
35-40 Sep '79

Be the best. Cliff L. Stout. Aerosp Safety 35:10-12
May '79; Adaptation. USA Avn Dig 25:18-20 Aug '79

A brief history lesson on the American dream: Re-
sponse to two views. Col James B. Agnew, Ret.
illus Parameters 9:18-22 Sep '79

CNO (ADM Thomas B.) Hayward cites professional-
ism as theme. illus Officer 55:8 Apr '79

Changing dimensions of military professionalism:
Education and enlightened advocacy. LtCol Sam C.
Sarkesian, Ret. illus Mil Rev 59:44-56 Mar '79

Controlled aggressiveness. BrigGen Robert E.
Kelley. illus TAC Attack 19:10-11 Jan '79

The demand for able professionals. (Excerpts from
remarks, Pease AFB chapter, Air Force Assoc,
Pease AFB, NH, Jan 13, 1979) LtGen B.L. Davis.
AF Plcy Ltr for Comdrs: Sup No. 3:34-40 Mar '79

Efforts to boost morale paying off, SP chief says.
Interview. BrigGen William R. Brooksher. AF
Times 39:10 Feb 19 '79

Formation do's and don'ts. LtCol Helmut Oberbrink-
mann. illus Aerosp Safety 35:12-13 Jul '79

Leaders know their place. (Presentation, Security
Police Academy Dining-In, Lackland AFB, TX,
July 12, 1979) BrigGen William R. Brooksher. AF
Plcy Ltr for Comdrs: Sup No. 10:34-40 Oct '79

Leadership. Maj John W. Woltersdorf, Jr. illus
Armor 88:24-26 Nov-Dec '79

Leadership, discipline, airmanship. Col Robert D.
Anderson. illus TAC Attack pt 1, 19:26-27 Nov '79;
pt 2, 19:24-25 Dec '79

Preparing for the unexpected. Capt Skip Brownyard.
illus Combat Crew 29:27+ Jun '79

Progressivism, professionalism, and reform. Capt
Andrew J. Bacevich, Jr. illus Parameters 9:66-71
Mar '79

PROFESSIONALISM - Continued

The ten commandments for aviation survival. Maj David V. Froehlich. Aerosp Safety 35:9-11 Jul '79

Then & now. Anchard F. Zeller. illus Aerosp Safety 35:2-3 Jul '79

A tribute to General James. (Remarks, 7th Annual Community Service Awards Banquet, Church of All Nations of Central California, Stockton, Oct 14, 1978) MajGen Thomas E. Clifford. AF Plcy Ltr for Comdrs: Sup No. 2:27-31 Feb '79

PROGRAM PLANNING

Acquisition strategy: An investment in planning. TIG Brief 31:14 Nov 16 '79

Army/Navy guided projectiles: A joint program that works. CAPT J.D. Miceli. Def Sys Mgt Rev 2: 46-49 Spring '79

Augustine's laws and major system development programs. Norman R. Augustine. tabs Def Sys Mgt Rev 2:50-76 Spring '79

Greenleaf: He shapes the AF of the future. Interview. LtGen Abbott C. Greenleaf. illus AF Times 40:10 Oct 22 '79

Long-range planning--a new beginning. LtCol Alan Gropman. AU Rev 31:49-54 Nov-Dec '79

The looking-glass world of international programs. LtCol David A. Appling. Def Sys Mgt Rev 2:7-18 Spring '79

Managing less-than-major joint programs. CAPT Phillip E. Oppedahl and Col Henry R. Passi. Def Sys Mgt Rev 2:19-29 Spring '79

The prudent use of engineers in program management. William C. Wall, Jr. illus Def Mgt J 15: 14-18 Mar-Apr '79

Representation and responsibility in a tri-Service program. William C. Wall, Jr. Def Sys Mgt Rev 2:30-33 Spring '79

PROGRAMMED LEARNING

Performance-paced instruction and the air defense NCO. MSgt William A. Chapman. Air Def Mag, p 7, Oct-Dec '79

PROJECT

See also
Space Project

Arapaho

Arapaho gives wings to the convoy. David Harvey. illus Def & For Aff Dig 7, No. 12:28-29+ '79

A new look at Arapaho--an idea whose time has come? James J. Mulquin. Sea Power 22:23-29 May '79

CHAP

Child advocacy program administrative points to remember. TIG Brief 31:16 Jul 2 '79

Palace Abacus

Notes from the Palace Abacus team. Capt Bob Simpson. illus AF Compt 13:30 Apr '79

PROJECT - ContinuedPalace Chase - Cont'd

Notes from the Palace Abacus team. Capt Bob Simpson. illus AF Compt 13:44 Jul '79

Palace Dollar

Notes from the Palace Dollar team. Capt Charles Carpenter. illus tab AF Compt 13:28 Jan '79

Notes from the Palace Dollar team. Capt Charles L. Carpenter. illus AF Compt 13:29 Apr '79

Notes from the Palace Dollar team. Maj Ben Lester, Jr. illus tabs AF Compt 13:43 Jul '79

The Palace Dollar team. Maj Gary G. Payne. illus AF Compt 13:29 Oct '79

Prime BEEF

Prime BEEF at D-M (Davis-Monthan AFB, AZ). AF Times 40:7 Dec 24 '79

Prime BEEF (Base Engineering Emergency Force) and Prime RIBS (Readiness In Base Services). Maj Max W. Day and LtCol George T. Murphy. illus AF Engrg & Svcs Qtr 20:18-21+ Nov '79

Wild Weasel

F-4G Advanced Wild Weasel. Charles R. Hart and John J. Harty. illus Navigator 26:16-18 Summer '79

On a sacred mission. (Wild Weasels are a legend in air warfare) Capt Dick Sheffield. illus Airman 23: 21-28 Jul '79

PROMOTIONAir Force--U. S.

See also
Weighted Airman Promotion System

Claims Court rules majors board illegal. M.L. Craver. AF Times 40:1+ Dec 31 '79

Details on the two points systems. tabs AF Times 39:10 May 7 '79

Early promotions for short-skilled. Len Famiglietti. AF Times 40:1+ Aug 13 '79

Education and hikes: Move made to cut link. Len Famiglietti. AF Times 39:4 Jun 11 '79

Faster NCO hike rate for FY 80. tab AF Times 40:13 Oct 1 '79

'Fogey' raises prove budget boon to many. AF Times 39:10 Mar 5 '79

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

Hikes not hurt by skill level grade change. Len Famiglietti. AF Times 40:19 Dec 24 '79

Hikes rest on DOPMA or grade relief extension. M.L. Craver. AF Times 39:1+ Jan 22 '79

How will DOPMA affect O-4 promotions? M.L. Craver. AF Times 40:12 Dec 24 '79

Many more EM to get BTZ break. Bruce Callander. AF Times 39:1+ Jul 9 '79

PROMOTION - ContinuedAir Force--U.S. - Cont'd

More due BTZ E-4 hikes: A year early for some; quotas will be boosted. AF Times 39:3 Jun 11 '79

NCO quotas up; 4729 due hikes in August. Bruce Callander. AF Times 39:1+ Jul 23 '79

Noncom hikes: Everybody up. Bruce D. Callander. AF Times 39:1+ Jun 18 '79

Officer hike picture bright for FY 1980. M.L. Craver. AF Times 40:1+ Nov 26 '79

Officer hike picture OK for next 5 years. M.L. Craver. AF Times 39:1+ Mar 26 '79

Production-Oriented Maintenance Organization (POMO) SKT analysis. TIG Brief 31:8 May 18 '79

Quick E-2 hikes recruiting aid. Len Famiglietti. AF Times 39:1+ Jan 22 '79

Senior staff changes. Regular feature in issues of Air Force Magazine

Sep NCO hikes most in 5 years. Bruce Callander. AF Times 40:1+ Aug 27 '79

3 approaches to EM hikes. illus AF Times 39:10 May 7 '79

Up-or-out again--a skeptic's view. Col Orin C. Patton. AU Rev 30:80-82 Jan-Feb '79

Statistics

1171 NCOs picked for E-9 promotion. AF Times 39:1+ May 7 '79

GOs selected for MG, BG hikes. AF Times 40:3+ Dec 17 '79

95 percent of new O-6s had 1s on last OER. tabs AF Times 39:3 Jan 29 '79

Permanent colonels board names 256. tab AF Times 40:10+ Dec 24 '79

'Profile' of selectees (for promotion to E-5). AF Times 40:12 Aug 6 '79

697 selected temporary O-6. tab AF Times 40:10+ Dec 24 '79

3500 new E-8s: How picked. tab AF Times 39:4 Jul 9 '79

3450 NCOs go up Dec 1. AF Times 40:8 Nov 26 '79

2513 make captain under new system ("fully qualified basis"). M.L. Craver. AF Times 39:1+ Apr 2 '79

Armed Forces--U.S.

Officer cuts under DOPMA cause concern--Senate version. M.L. Craver. AF Times 40:3 Nov 12 '79

Senate (hearing shows) mixed reaction to up-or-out policy. AF Times 40:1+ Jul 30 '79

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

PROMOTION - ContinuedArmy--U.S.

Inequality in the military: Implications for organizations, occupational mobility and social stratification. Jon Miller and H. Edward Ransford. tabs J Pol & Mil Sociol 6:65-74; Comment. John Sibley Butler. 6:75-77; Reply. Jon Miller and H. Edward Ransford. 6:79 Spring '78

The list came out today ... LtCol Thomas J. Barham. Army 29:27-28 Sep '79

Opening the doors to promotion. SGM Bruce N. Bant. illus tab Soldiers 34:28-31 Dec '79

Racial inequality in Army promotions. David R. Segal and Peter G. Nordlie. tabs J Pol & Mil Sociol 7: 135-142; Comment: Military attainment--universalistic or particularistic? John Sibley Butler. 7: 143-145; Reply. David E. Segal and Peter G. Nordlie. 7:147-148 Spring '79

Statistics

68 new Army brigadier generals. tabs Armed Forces J Intl 117:12-13 Nov '79

Marine Corps--U.S.

Promotions, reassignments, retirements. MarCor Gaz 63:2 Aug '79

Navy--U.S.

The "up-or-out" policy. LCDR Nicholas J. Schmitt. illus US Nav Inst Proc 105:35-40 Dec '79

Reserve Forces--Air Force--U.S.

Claims Court rules majors board illegal. M.L. Craver. AF Times 40:1+ Dec 31 '79

1st pass-over exits halted for Res O-3s. M.L. Craver. AF Times 39:1+ Apr 30 '79

How ROPA promotion system works for Air Reserve officers. Maj Garry E. Mitchelmore. Officer 55:13 Jul '79

Reserve Forces--Army--U.S.Statistics

Senate confirms promotions of fifteen (USAR) generals. Officer 55:14 May '79

United States

Civilian hike data computerized. AF Times 39:11 Jan 1 '79

PROPAGANDA

Ideological expansion of imperialism. N. Shchukin. Soviet Mil Rev No. 9:53-54 Sep '79

PROPELLANTSSafety Measures

Chemical/propellant hazards. TIG Brief 31:16 Apr 20 '79

PROPELLANTS, LIQUID

See also
Hydrogen, Liquid

PROPERTY, GOVERNMENT

Facilities engineering at Redstone Arsenal (AL).
Paul W. Hancock. Mil Engr 71:104-105 Mar-Apr '79

Managing the Army's real property. MajGen William R. Wray. illus Mil Engr 71:97-98 Mar-Apr '79

Refurbishing the Army's real property management system. BrigGen Donald G. Weinert, Ret. illus Def Mgt J 14:34-38 Nov '78

Maintenance and Repair

Air Force real property maintenance. MajGen William D. Gilbert. illus Mil Engr 71:80-81 Mar-Apr '79

Maintaining DOD's real property. Perry J. Fliakas. illus Mil Engr 71:78-79 Mar-Apr '79

SARPM (San Antonio Real Property Maintenance Agency) becomes operational. LtCol Charles Medlock, Jr and Col John P. Thomas. illus map tab Mil Engr 71:82-87 Mar-Apr '79

PROPERTY, REAL

Banks up points for home sellers. Jay Finegan. AF Times 40:17 Oct 29 '79

HUD mortgages can help military buying homes. AF Times 40:36-37 Oct 22 '79

Land sharks. MSgt Matt Glasgow. illus Soldiers 34:46-49 Dec '79

The lure of the land. Andy Plattner. illus AF Times pt 1, Many land buys held 'questionable.' 39:14 Apr 30 '79; pt 2, Investments turned sour. 39:23+ May 7 '79; pt 3, Company's 'pitch' inviting. 39:26+ May 14 '79; pt 4, 'Incredible' that they buy land sight unseen. 39:10+ May 21 '79

SEC calls investment scheme fraud. AF Times 39:6 Jun 18 '79

PROPULSION SYSTEMS

See also
Boosters

PROVING GROUNDS see Armament Division

PROXMIRE, William

IR&D: An unresolvable congressional issue? David G. Sorgel. Govt Exec 11:42+ Oct '79

PSYCHIATRY

Problems of organizational consultation in the Army. LtCol Edward Kenneth Jeffer. Mil Rev 59:35-41 Apr '79

Psychiatric aspects of adaptation to long submarine missions. Benjamin B. Weybrew and Ernest M. Noddin. tabs Aviation, Space & Envmt Med 50:575-580 Jun '79

Psychiatric education in aerospace medicine. Robert J. Ursano. tabs Aviation, Space & Envmt Med 50:619-624 Jun '79

PSYCHOLOGICAL RESEARCH

A competence theory versus need theory of political involvement. Edward G. Carmines. tabs J Pol & Mil Sociol 6:17-28 Spring '78

PSYCHOLOGICAL WARFARE

See also
Vietnamese Conflict, 1957-1975--Psychological Aspects

Civil-military operations: An element in winning the first battle in Central Europe. LtCol Wesley A. Groesbeck. illus Mil Rev 59:14-19 Apr '79

The Pentagon propaganda machine. Capt T. Belashchenko. illus Soviet Mil Rev No. 7:42-44 Jul '79

Psychological strategy. Regular feature in some issues of Defense & Foreign Affairs Digest

Psychology: A potential for short lead times. Stefan T. Possony. illus Def & For Aff Dig 7, No. 12:34-35 '79

The twilight war. Richard T. McCormack. illus Army 29:12-20 Jan '79

PSYCHOLOGY

See also
Behaviorism (Psychology)
Motivation (Psychology)

From the inside out. Gary Lynn. illus AF Engrg & Svcs Qtr 20:15-17+ May '79

Outrageous fortune--slings and arrows. Maj Wayne E. Griffith. illus Interceptor 21:5-11 Jun '79

PUBLIC INFORMATION

Air Force public affairs: Stone walls or stone bridges? Maj Richard J. Oliver. illus AU Rev 30:51-56 Sep-Oct '79

What to do till the P.A.O. (Public Affairs Officer) arrives. Maj James G. Gibson II. illus MAC Flyer 26:4-5 Dec '79

Bibliography

Government information resources. Charles DeVore. Signal 33:53-56 Jan '79

PUBLIC LANDS see Property, Government

PUBLIC OPINION

See also
Vietnamese Conflict, 1957-1975--Public Opinion

America's battered spirit: Our security and foreign policy dilemma. James R. Bullington. illus Parameters 9:46-51 Mar '79

Press research affects policy. (Remarks, Media-Military Conference, Naval War College, Newport, RI, Nov 29, 1978) Daniel Z. Henkin. AF Plcy Ltr for Comdrs: Sup No. 2:34-40 Feb '79

Public interest grows. Col Bruce Jacobs. illus Natl Guard 33:20-22+ Jun '79

Public opinion and security policy: The West German experience. Ralf Zoll. tabs Armed Forces & Soc 5:590-605 Summer '79

PUBLIC OPINION - Continued

Public opinion and Soviet foreign policy: Competing belief systems in the policy-making process. James N. Rosenau and Ole R. Holsti. illus Nav War Col Rev 32:4-14 Jul-Aug '79

(The state of intelligence and foreign policy) (Banquet address, AFCEA Convention, Washington, June 20, 1979) ADM Stansfield Turner, Ret. illus Signal 33: 37-40 Aug '79

Support of the military today and tomorrow. (Presentation, Strategic Air Command Commander's Conference, Offutt AFB, NE, May 23, 1979) MajGen Richard A. Yudkin, Ret. AF Plcy Ltr for Comdrs: Sup No. 7:33-40 Jul '79

PUBLIC RELATIONS

For material on the relations between a base and its neighboring community see Community Relations.

An image carefully constructed: Caring. Capt Donald J. Graybill. illus AF Engrg & Svcs Qtr 20:6-8 Aug '79

Image--its role in achieving total success. MajGen William D. Gilbert. AF Engrg & Svcs Qtr 20:2-4 Aug '79

Air Force

Public relations program for METs (Management Engineering Teams). TIG Brief 31:4 Jul 2 '79

Service--the cornerstone of Accounting & Finance. LtCol C.L. Martin, Jr. illus AF Compt 13:16-19 Jan '79

What to do till the P.A.O. (Public Affairs Officer) arrives. Maj James G. Gibson II. illus MAC Flyer 26:4-5 Dec '79

When a reporter calls you. TIG Brief 31:21 Apr 20 '79; AF Plcy Ltr for Comdrs: Sup No. 8: 38 Aug '79

Navy

Opposed landings--Vieques: The Navy comes under 'constant bombardment.' James D. Hessman. illus Sea Power 22:12-16 Mar '79

PUBLIC SPEAKING

Bringing innovation to AFROTC oral communications training. LtCol Donald E. Sheehan. illus tab Educ J 21:22-25 '78/'79

PUBLIC SPEAKING - Continued

Lecturing in the ROTC classroom. John A. Kline. illus Educ J 21:34-38 '78/'79

PUBLICATIONS, MILITARY

See also specific types of publications, e.g.,
Manuals
Regulations
Technical Orders

United States

Guides 'foretell' EM careers. Bruce Callander. illus AF Times 39:7 Apr 23 '79

Maintenance operating instructions: Help or hindrance? TIG Brief 31:18 Feb 23 '79

New manpower documents are coming your way. TIG Brief 31:17 Jan 12 '79

Publications management through management by objective. TIG Brief 31:6 Feb 23 '79

Read before you write. TIG Brief 31:18 Oct 19 '79

PUBLISHERS AND PUBLISHING

The Battery Book Shop: Dealer in nostalgia. Julie Pursell. illus Army 29:34+ Sep '79

Military Publishing House in 1979. Col M. Sibilev. Soviet Mil Rev No. 1:54-55 Jan '79

News and information supplied commercial enterprise publications. TIG Brief 31:20 Mar 23 '79

PUERTO RICO

Favorable court ruling on Vieques suit. L. Edgar Prina. illus Sea Power 22:51-52 Oct '79

Helping hand! (Army airmen of the Puerto Rico National Guard in the Dominican Republic) illus Natl Guard 33:16-18 Nov '79

Reserve Components Puerto Rico style. SGM Bruce N. Bant. illus Soldiers 34:23-26 Sep '79

PUSTAY, John S.

Changing balance of power. (Presentation, Metropolitan Presidents' Organization, New York, Oct 16, 1979) LtGen John S. Pustay. AF Plcy Ltr for Comdrs: Sup No. 12:27-36 Dec '79

QUALITY CONTROL

Aircraft structural integrity program. TIG Brief 31:8
Dec 7 '79

The Carrier Evaluation and Reporting System: A
positive incentive for quality. Mark J.O'Konski.
illus Translog 10:3-5 Feb '79

Contractor's certificate of conformance: New founda-
tion for quality? Edwin F.Grey and Norman A.
Carpenter. illus tab Def Mgt J 15:26-30 Sep-
Oct '79

Design art and the quality of facilities. Ferhunde
Elgun. illus AF Engrg & Svcs Qtr 20:10-14
May '79

Is your QAE (Quality Assurance Evaluator) worth his
salt? TIG Brief 31:13 Oct 19 '79

Quality assurance of nursing care. TIG Brief 31:13-14
Mar 9 '79

A quality assurance system. TIG Brief 31:11
Feb 23 '79

Quality design requires no magic. Foster A.Hockett.
illus AF Engrg & Svcs Qtr 20:20-22 May '79

Quality function in the Army logistics system. Victor
K.Evans. illus Army Log 11:17-19 Nov-Dec '79

The readability problem--a logistics quality assur-
ance approach. Frank J.Wojcicki. illus tabs Log
Spectrum 13:6-15 Spring '79

Test more ... not less. MajGen Patrick W.Powers,
Ret. illus tab Natl Def 63:35-37+ Mar-Apr '79

The Traffic Management Office (TMO) quality control
inspector. TIG Brief 31:11 Jun 1 '79

QUARTERS ALLOWANCES

Advance housing allowance for EM o'seas pushed. AF
Times 39:6 Apr 23 '79

QUARTERS ALLOWANCES - Continued

COLA and HA boosted in England. AF Times 40:24
Aug 6 '79

COLA, HA cuts ahead for Japan. AF Times 40:12
Dec 3 '79

COLA, HA hikes OK'd for Britain. AF Times 39:3
May 7 '79

COLA, housing rise in Europe. Suzanne Viau. AF
Times 40:4 Oct 22 '79

COLA is up, HA down in some o'sea areas. Suzanne
Viau. AF Times 40:4 Oct 8 '79

DOD weighing variable BAQ. AF Times 39:3
Feb 12 '79

GAO report says HA aids rich, hurts poor. Richard
C.Barnard. AF Times 40:12 Dec 3 '79

Germany: HA, COLA boosted. AF Times 40:10
Oct 15 '79

High-cost areas eyed for extra \$\$\$. Tom Philpott. AF
Times 40:1+ Oct 15 '79

In Japan: COLA goes down. AF Times 40:7 Nov 5 '79

New monthly basic allowance for quarters rates
effective October 1, 1979. Tables only. Soldiers
34:5 Nov '79

Off-base housing: More than BAQ. AF Times 40:15
Nov 12 '79

Pirie: Don't link variable BAQ to pay hike. AF Times
39:13 Feb 26 '79

Projections: HA going up in Britain, COLA cut in
Belgium. AF Times 40:12 Aug 20 '79

QUESTIONNAIRES see Surveys

RIF see Reduction in Force

ROA see Reserve Officers Association of the U.S.

ROTC see Reserve Officers Training Corps

RACE PROBLEMS see Race Relations

RACE RELATIONS

Dedication to excellence. (Presentation, Free and Accepted Masons, Prince Hall Affiliation, Rocky Mountain Lodge No.1, Denver, May 26, 1979) MajGen Lucius Theus, Ret. AF Plcy Ltr for Comdrs: Sup No.8:22-28 Aug '79

Intergroup conflict and collective violence: The case of New York City, 1960-July 1964. Daniel J.Monti. tabs J Pol & Mil Sociol 6:147-162 Fall '78

(M.Kathleen) Carpenter plea: Fight 'new racism.' AF Times 39:6 Jul 23 '79

Racial inequality in Army promotions. David R.Segal and Peter G.Nordlie. tabs J Pol & Mil Sociol 7: 135-142; Comment: Military attainment--universalistic or particularistic? John Sibley Butler. 7: 143-145; Reply. David E.Segal and Peter G. Nordlie. 7:147-148 Spring '79

Study and Teaching

Changing times. (Race Relations Institute, Patrick AFB, FL) MSgt Matt Glasgow. illus Soldiers 34: 37-40 Jul '79

RADAR

New radar sets for the Air Force. illus Signal 33:74 Jul '79

Radar and submarines in World War II. CAPT Edward L. Beach, Ret. illus Def Elect 11:48+ Oct '79

Weather Applications

Boeing selects Doppler weather radar--all-digital, colour display system will detect storm turbulence. illus tabs Interavia 34:982-983 Oct '79

A hole that is not a hole: Airborne weather radar interpretation. Capt Thomas E.Sieland. illus Aerosp Safety 35:4-5 Jun '79

Tel-weather for NOAA weather radar system. Signal 34:88 Nov-Dec '79

Weather penetration or weather avoidance? Capt James I.Metcalf. illus Navigator 26:11-13+ Summer '79

Weather radar--ATC radar: There is a difference. Maj Duane B.Stoecklin. illus tabs Aerosp Safety 35:14-15 Jan '79; USA Avn Dig 25:24-25 Mar '79

RADAR, AIRBORNE

(Air Force E-3A airborne warning and control system) Signal 33:78 Mar '79

ECM pods in the USAF. Gowri S.Sundaram. illus Intl Def Rev 12, No.5:775-778 '79

Offshore patrol. illus tab Intl Def Rev pt 1, Aircraft. 12, No.5:787-794+ '79; pt 2, Surface craft. 12, No.8:1341-1350 '79

RADAR, AIRBORNE - Continued

The Rapport airborne EW system. Gowri S.Sundaram. illus Intl Def Rev 12, No.2:278-280 '79

Real-time recce. (New developments in aerial reconnaissance) Capt Katie Cutler. illus Airman 23:44-48 Nov '79

TEREC--the USAF's Tactical Electronic REConnaissance system. Gowri S.Sundaram. illus Intl Def Rev 12, No.1:118-120 '79

USAF's Electronically Agile Radar (EAR) for strategic bombers. Gowri S.Sundaram. (Reprinted from International Defense Review, Vol 11, No.7, 1978) illus Navigator 26:14-15 Summer '79

Weather penetration or weather avoidance? Capt James I.Metcalf. illus Navigator 26:11-13+ Summer '79

RADAR AIDS TO AVIATION

ARSR-3 in service: FAA installs new Air Route Surveillance Radars. illus tab Interavia 34:977 Oct '79

Collision avoidance--ADSEL (ADdress SElective)/DABS (Discrete Address Beacon System) marches on. Dan Boyle. illus Interavia 34:757 Aug '79

Heads up & out. Capt Gene Miller. illus tabs Aerosp Safety 35:26-27 Aug '79

(New precision approach radar) Signal 33:190 May-Jun '79

Radar altimetry. illus MAC Flyer 26:6-7 Dec '79

The simulator game. Lt Phil Harris. illus TAC Attack 19:26-27 Aug '79

USAF's Electronically Agile Radar (EAR) for strategic bombers. Gowri S.Sundaram. (Reprinted from International Defense Review, Vol 11, No.7, 1978) illus Navigator 26:14-15 Summer '79

Weather radar--ATC radar: There is a difference. Maj Duane B.Stoecklin. illus tabs Aerosp Safety 35:14-15 Jan '79; USA Avn Dig 25:24-25 Mar '79

RADAR APPROACH CONTROL see Ground-Controlled Approach

RADAR COUNTERMEASURES see Electronic Countermeasures

RADAR EQUIPMENT

ARSR-3 in service: FAA installs new Air Route Surveillance Radars. illus tab Interavia 34:977 Oct '79

Beale (AFB, CA) Pave Paws to retire 3 radar sites. AF Times 40:17 Aug 13 '79

Boeing selects Doppler weather radar--all-digital, colour display system will detect storm turbulence. illus tabs Interavia 34:982-983 Oct '79

Doppler beam sharpened attack radar uses magnetron. Murry Shohat. illus Mil Elect/Countermeasures 5:58+ Oct '79

ECM pods in the USAF. Gowri S.Sundaram. illus Intl Def Rev 12, No.5:775-778 '79

EW/IR systems from Selenia. Gowri S.Sundaram. illus Intl Def Rev 12, No.6:1026-1030 '79

RADAR EQUIPMENT - Continued

- Modern techniques in air traffic control. Peter Jorgensen. illus Aerosp Intl 15:35-36 Jun-Jul '79
- NATO navies' radars. T. Pretty. tabs NATO's Fifteen Nations 23:120-124 Special Issue '78
- New surface search radar scheduled to replace Navy's 30-year-old SPS-10. John Beach. Def Elect 11:42 Oct '79
- Radar altimetry. illus MAC Flyer 26:6-7 Dec '79
- Radars for the eighties--modular survivable radar: Technological transparency. Murry Shohat. illus tabs Mil Elect/Countermeasures 5:34+ Nov '79
- Radium hazards in air traffic control facilities. TIG Brief 31:12 Feb 9 '79
- The solid state transmitter: It is here today. Arthur Levitan. illus tab Mil Elect/Countermeasures 5: 67-68+ Nov '79
- A study of the health status of radar workers. Zoran Djordjevic and others. tabs Aviation, Space & Envmt Med 50:396-398 Apr '79
- Traffic radar being scrutinized. TIG Brief 31:3 Oct 19 '79
- UKADGE (UK Air Defense Ground Environment) updates--the UK re-thinks its radar defenses. illus Intl Def Rev 12, No. 5:771-774 '79
- The U.S. Navy: Phased-array radars. Norman Polmar. illus US Nav Inst Proc 105:119-121 Apr '79
- The U.S. Navy: Shipboard radars. Norman Polmar. illus US Nav Inst Proc 104:143-145 Dec '78
- Unlocking the B-scope. Capt John Locke. illus USAF Ftr Wpns Rev, pp 17+, Spring '79
- Unmanned captive helicopter-radar system to be incorporated into German Army reconnaissance operations. Wolfram Klaar. illus map Def Elect 11: 33-34+ Oct '79

RADAR STATIONS

- Beale (AFB, CA) Pave Paws to retire 3 radar sites. AF Times 40:17 Aug 13 '79
- The two faces of Flatrock Hill. (PAVE PAWS radar site on Cape Cod provides detection and early warning against sea-launched ballistic missiles) Capt Dick Sheffield. illus Airman 23:21-24 Oct '79
- UKADGE (UK Air Defense Ground Environment) updates--the UK re-thinks its radar defenses. illus Intl Def Rev 12, No. 5:771-774 '79

RADIATIONSee also

Cosmic Rays

- DNA (Defense Nuclear Agency) sifts N-test effects--early returns indicate cancer possible fluke. Interview. VADM Robert R. Monroe. illus AF Times 40:23 Nov 19 '79
- Emergency room procedures for patients contaminated by radioactive material. TIG Brief 31:20 Oct 5 '79

RADIATION - Continued

- Food radiation tests may end. AF Times 39:42 Jan 29 '79
- Most people at (1957) atom test not in peril, report says. AF Times 39:4 Feb 19 '79
- Radiological aspects of nuclear weapons. TIG Brief 31:8 Oct 5 '79
- (Sen Alan) Cranston: Declassify blast records--many vets 'have no chance to prove claims.' AF Times 39:27-28 Jun 18 '79
- A study of the health status of radar workers. Zoran Djordjevic and others. tabs Aviation, Space & Envmt Med 50:396-398 Apr '79
- VA to reconsider A-test claims. AF Times 39:4 Jul 2 '79

Safety Measures

- A-risk warning for 250,000 (participants in the 1950s atomic weapon tests). Suzanne Viau. AF Times 39:11 Mar 5 '79
- Radium hazards in air traffic control facilities. TIG Brief 31:12 Feb 9 '79
- Soviet-United States civil defense--tipping the strategic scale? Maj Thad A. Wolfe. illus tabs maps AU Rev 30:40-55 Mar-Apr '79
- USAF radioactive material permits: Some reminders. TIG Brief 31:13 Nov 2 '79

Shielding

- Nuclear hardening of weapon systems. Marion A. Rose. illus tabs Def Elect pt 1, 11:43-44+ Sep '79; pt 2, 11:71+ Oct '79; pt 3, 11:65-66+ Nov '79

RADIO AIDS TO AVIATION

- Blind flying. CW4 Michael J. Novosel. illus map USA Avn Dig 25:24-31 Jun '79

RADIO ASTRONOMYSee also

- Telescopes, Radio

RADIO COMMUNICATIONS

- The amazing shrinking call sign ... and other airborne oddities that hinder our air-to-ground communications. Capt Charles M. Westenhoff. MAC Flyer 26:13 Sep '79
- Counter-C³ systems from Fairchild Camera. Gowri S. Sundaram. illus Intl Def Rev 12, No. 3:427-431 '79
- Effects of phase manipulation on speech intelligibility through communication headsets. Thomas H. Townsend and Clifford C. Olsen. illus Aviation, Space & Envmt Med 50:355-356 Apr '79
- Interconnecting government and the people: North Carolina looks at its telecommunications systems and services. James B. Hunt, Jr. illus Signal 33: 7-11 Jul '79

RADIO COMMUNICATIONS - Continued

'Quick death' instead of radios. Maj Larry D. Gable. tab MarCor Gaz 63:30-32 May '79

"Roger traffic." Capt David Pine. illus Combat Crew 29:14 Mar '79

Seafarer, the force multiplier. Jacqueline Srouji. Def & For Aff Dig 7, No. 3:10-11+ '79

Some effects of increasing solar activity. illus tabs Combat Crew 29:12-13+ Sep '79

"This is Tango Two-Four! ... Where in hell am I?" illus Air Def Mag, pp 22-26, Apr-Jun '79

Testing

Griffiss (AFB, NY) center (Rome Air Development Center) tests 'flexible' radio system. Rich Garcia. illus AF Times 39:22 Jul 2 '79

RADIO COUNTERMEASURES see Electronic Counter-measuresRADIO EQUIPMENTSee also

Radio Transmitting Equipment

RADIO FREQUENCY

The amazing shrinking call sign ... and other airborne oddities that hinder our air-to-ground communications. Capt Charles M. Westenhoff. MAC Flyer 26:13 Sep '79

Atmospheric effects on radio wave propagation. John B. Beach. illus tabs Def Elect pt 1, 11:95-98 Dec '79

ELF (Extremely Low Frequency) in warfare. CAPT William J. Ruhe, Ret. Signal 33:19-20+ Jan '79

Military satellite communications systems: Directions for improvement. Paul Rosen. tab Signal 34:33-34+ Nov-Dec '79

Radio spectrum management training. Charles L. Hutchison. illus Signal 33:43-44+ Jul '79

RADIO OPERATORS

The Military Affiliate Radio System ... a perspective. LtCol Peter M. Hurd, Ret. illus Signal pt 1, 34:45-47+ Sep '79

RADIO TRANSMITTING EQUIPMENT

"This is Tango Two-Four! ... Where in hell am I?" illus Air Def Mag, pp 22-26, Apr-Jun '79

RADIO WAVES

Atmospheric effects on radio wave propagation. John B. Beach. illus tabs Def Elect pt 1, 11:95-98 Dec '79

RADIOACTIVE WASTE

Enwetack clean-up. 1stLt Michael J. Conroy. illus Soldiers 34:24-25 Jan '79

RADIOLOGICAL WARFARE see Nuclear WarfareRAFTS

Survival equipment (open water environment). TSgt Charles W. Lovelady. illus tab Aerosp Safety 35: 26-27 Sep '79

RAILROADSEquipmentMaintenance and Repair

Workin' on the railroad. Frank Dahmer. illus Translog 10:16-17 Aug '79

Panama

Ferrocarril de Panama. Donald T. Isaacs. illus map Translog 10:2-5 Sep '79

Russia

Railway soldiers. (Interview with ColGen A.M. Kryukov) illus Soviet Mil Rev No. 7:11-14 Jul '79

History

Armoured train No. 50-67. LtCol N. Kharitonov. illus Soviet Mil Rev No. 2:48-49 Feb '79

United States

Amtrak--passenger rail revival. Maj Jonathan W. House. illus map Translog 10:3-6 Nov '79

Amtrakking America: Aboard the San Francisco Zephyr. MSgt Matt Glasgow. tab illus Soldiers 34: 28-32 Mar '79

The Defense Railway Interchange Fleet--how big is it? Maj Howard A. Harvey. illus Def Trans J 35:5-6+ Oct '79

Multimodal transportation companies: The case for rail-ocean shipping combinations. Clinton H. Whitehurst, Jr. Def Trans J 35:5-6+ Jun '79

New BN (Burlington Northern) rail line aids nation's energy effort. illus Def Trans J 35:20-22 Dec '79

Railroads for national defense. Howard Duke Niebur. illus Translog 10:7-8 Oct '79

What makes METRO run? Joseph P. Greenway. map illus Signal 33:32-36 Jul '79

Equipment

Tanks for everything. illus Translog 10:16-18 Jul '79

Laws and Regulations

Reforming railroad regulation. illus map Translog 10:5-8 Aug '79

RANGERS

The Raider experience. Capt Shaun M. Darragh. illus Infantry 69:35-41 Mar-Apr '79

Recondo get-tough school (Fort Bragg, NC). Capt Steven Stone. illus Natl Guard 33:28 Aug '79

RANGERS - ContinuedHistory

Rudder's Rangers. LtCol Ronald L. Lane. illus Soldiers 34:50-53 Dec '79

RANKArmed Forces

Comparative military ranks--U.S. and USSR. Table only. AF Mag 62:98 Mar '79

RATED PERSONNEL see Aeronautical Ratings

RATINGS

See also
Aeronautical Ratings
Effectiveness Reports

RATIONS

DOD wants all Services on identical food ration. AF Times 39:28 Mar 26 '79

Services urged to adopt a la carte meal plan. AF Times 40:8 Aug 6 '79

With goblet and sword. Philip N. Pierce. illus MarCor Gaz 63:41-48 Jun '79

RATLIFF, Walter B.

NATO needs: A challenge to industries. (Remarks, Electronics Industries Symposium, Los Angeles, Oct 25, 1978) BrigGen Walter B. Ratliff. AF Plcy Ltr for Comdrs: Sup No. 2:16-26 Feb '79

READINESS COMMAND

Brave Shield 19: The big picture. Maj Ralph Francis. illus Air Reservist 31:8-9 Jun '79

Gallant Eagle '79: Reality and myth. TSgt Michael Hampton. illus Air Reservist 31:6-7 Mar '79

Jack Frost '79. SSgt Don Carr. illus Soldiers 34: 41-44 Jun '79

1985. (Military exercises help prepare U.S. forces for possibilities similar to those described in the current fiction book, "The Third World War," by John Hackett) Robert K. Ruhl. illus Airman 23: 2-7 Nov '79

REDCOM anywhere, anytime. MSgt Matt Glasgow. illus Soldiers 34:37-40 Jun '79

READING, REMEDIAL see Remedial Reading

READING AND BOOKS see Books and Reading

REAL ESTATE see Property, Real

REAL PROPERTY see Property, Real

RECONNAISSANCE

Reconnaissance in marshy and wooded terrain. Col S. Bessonov. illus Soviet Mil Rev No. 4:10-11 Apr '79

RECONNAISSANCE - Continued

Reconnaissance in mountainous and wooded country. Col V. Bezvershenko. illus Soviet Mil Rev No. 7: 24-25 Jul '79

Reconnaissance in mountains. illus Soviet Mil Rev No. 3:31-33 Mar '79

Soviet tactics for overcoming NATO anti-tank defenses. C.N. Donnelly. illus tabs Intl Def Rev 12, No. 7:1099-1106 '79

Subterranean route reconnaissance. Capt Adolf Carlson. illus Infantry 69:16-18 Sep-Oct '79

History

Reconnaissance in strength (from the Soviet Army's experience during the Great Patriotic War). Col A. Popov. illus Soviet Mil Rev No. 3:39-41 Mar '79

RECONNAISSANCE, AERIAL

See also
Satellites, Reconnaissance

(Electronic Solid State Wide Angle Camera System--ESSWACS) Signal 33:72 Feb '79

The major priorities. (Presentation, Air War College, Air University, Maxwell AFB, AL, May 22, 1979) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup No. 7:11-13 Jul '79

"Photo finish!" (Nationwide photo recon "shoot off"--winning team is USAF 67th TRW) 2dLt Jeff Butcher. illus Natl Guard 33:26-28 May '79

Rapid Recce. illus Natl Guard 33:26-27 Jul '79

Rapid Recce: A record day (for Alabama ANG). Maj Don Levy. illus Air Reservist 31:16-17 Jul '79

Real-time recce. (New developments in aerial reconnaissance) Capt Katie Cutler. illus Airman 23:44-48 Nov '79

Shaw (AFB, SC)--recce country, home of tactical reconnaissance. Capt Mike Peterson. illus TAC Attack 19:20-21 Aug '79

Skatan: A mini-RPV for reconnaissance. LtCol P. Crevecoeur. illus tabs Intl Def Rev 12, No. 4: 606-608 '79

Skill of a reconnaissance pilot. Maj G. Losev. illus Soviet Mil Rev No. 2:18-19 Feb '79

Squints see it all. SP5 Lana Ott. illus Soldiers 34: 20-22 Jun '79

TEREC--the USAF's Tactical Electronic REConnaissance system. Gowri S. Sundaram. illus Intl Def Rev 12, No. 1:118-120 '79

Tac recce: A different breed of cat. LtCol John P. Kelly. illus AF Mag 62:60-62 Feb '79

Tac recce developments: New plane, sensors, RPVs needed. illus tab Armed Forces J Intl 116:36+ Jul '79

Tactical reconnaissance at a turning point. F. Clifton Berry, Jr. illus Armed Forces J Intl 116:32-33+ Jul '79

RECONNAISSANCE, AERIAL - Continued

Tactical reconnaissance for the 1980s: A close-up look at the TR-1 and QSR. LtGen Charles A. Gabriel. illus Signal 34:9-11 Oct '79

Unmanned captive helicopter-radar system to be incorporated into German Army reconnaissance operations. Wolfram Klaar. illus map Def Elect 11: 33-34+ Oct '79

History

How the RAF led the way. Col R.C. Burns, Ret. illus Aerosp Hist 26:12-16 Mar '79

RECORDING INSTRUMENTS

See also
Sound Recording and Reproducing

RECORDS

See also
Forms, Military

Air Force

An effective audit trail. TIG Brief 31:16 Nov 16 '79

Equipment historical records, AFTO Form 95. TIG Brief 31:13 Jul 13 '79

Improper interpretation or altering of engine historical records can cause aircraft accidents. TIG Brief 31:7 May 4 '79

A quality assurance system. TIG Brief 31:11 Feb 23 '79

Armed Forces

Your medical records: How private are they? Lothar H. Wedekind. illus AF Times, Times Magazine sup pt 1, pp 6-12+, Mar 5 '79; pt 2, The civilian world wants a look at them too. pp 10-14, Mar 19 '79

RECORDS CENTERS

NARS (National Archives and Records Service): An accurate cost measure of word processing for managers. tab Govt Exec 11:18+ Sep '79

RECORDS MANAGEMENT PROGRAM

The Archives: Government's troubled information manager. John F. Judge. Govt Exec 11:13+ Sep '79

NARS (National Archives and Records Service): An accurate cost measure of word processing for managers. tab Govt Exec 11:18+ Sep '79

The word on word processing: Step back and reassess. Govt Exec 11:22+ Jan '79

RECREATION

Alpine paradise--Berchtesgaden. Steve Abbott. illus Soldiers 34:17-19 Jul '79

The best for less. SgtMaj Bruce N. Bant. illus Soldiers 34:14-16 Aug '79

RECREATION - Continued

Consolidation is in store for MWR operations. Len Famiglietti. AF Times 39:4 Jul 23 '79

GAO: Use more MWR civilians and save. AF Times 40:33 Aug 6 '79

A look at Soviet military recreation. Harriet Fast Scott. illus map AF Mag 62:88-93 Mar '79

Quality of life in Turkey said 'degrading.' AF Times 39:11 Feb 26 '79

Rec center (at Kilauea Military Camp, HI) cuts volcano tours. AF Times 40:3 Sep 24 '79

Tourism in the Soviet Armed Forces. MajGen A. Gashchuk. illus Soviet Mil Rev No. 6:62-64 Jun '79

RECRUITING AND ENLISTMENT

See also
Reenlistment

Air Force--Germany (Federal Republic)

German pilots: 3 types; no up-or-out. Paul Smith. AF Times 39:32+ Jan 15 '79

Air Force--U. S.

Force shortages bad, but controllable. (Testimony before the House Armed Services Subcommittee on Military Personnel) Antonia Handler Chayes. illus AF Times 39:3-4 Mar 12 '79

Fraudulent enlistment 'not serious' in AF. M. L. Craver. AF Times 39:8 Jun 11 '79

The hometown. (AF's Recruiter Helper Program sends young airmen back home) Capt Dick Sheffield. illus Airman 23:12-16 Oct '79

New DOD retirement plan called recruiting threat. Tom Philpott. AF Times 39:1+ Apr 16 '79

Personnel outlook: Nine-tenths overcast. Ed Gates. illus AF Mag 62:130-132+ Sep '79

Quick E-2 hikes recruiting aid. Len Famiglietti. AF Times 39:1+ Jan 22 '79

Recruiters may have 'coached.' Len Famiglietti. AF Times 40:3 Sep 3 '79

Recruiting today. BrigGen Keith D. McCartney. TIG Brief 31:2 Aug 3 '79

Ways to get and keep recruits sought. Len Famiglietti. AF Times 39:2 Apr 2 '79

Study and Teaching

Pumping 'em up. (AF's school for recruiters at Lackland AFB, TX, motivates its students) Sgt Craig Pugh. illus Airman 23:36-41 Jun '79

Armed Forces--U. S.

DOD reverses policy--'preservice' pot smokers may enlist. Jay Finegan. AF Times 40:2 Nov 19 '79

Manpower for mobilization. Robert B. Pirie, Jr. illus Command Plcy 2: entire issue Oct '79

RECRUITING AND ENLISTMENT - ContinuedArmed Forces--U.S. - Cont'd

New education bill aims to draw and keep EM. AF Times 39:7 Jul 23 '79

Pirie on the Hill: All-vol woes--quirk or trend? Robert B. Pirie, Jr. AF Times 39:2 Mar 5 '79

Recruiting and retention, registration and responsibility. illus Sea Power 22:32-34 Sep '79

Special pay hike planned for '80. Interview. Robert B. Pirie, Jr. illus AF Times 40:1+ Nov 5 '79

Army--U.S.

A cost-effective enlistment supply of women for the Army. Maj Gary Q. Coe. illus tabs Def Mgt J 15:30-36 Jan '79

Investing in the future. CSGM H.L. Parker. illus Infantry 69:29-33 Jan-Feb '79

Our ability to "fight now" depends on people. LtGen Robert G. Yerks. illus Army 29:58-63 Oct '79

Procurement of Black Army officers is in trouble. Nathaniel P. Moore. illus Parameters 8:55-61 Dec '78

Recruiter's day: Life as an Army sales rep. MSgt Matt Glasgow. illus Soldiers 34:36-40 Feb '79

The soldier remains our ultimate weapon. SMA William A. Connelly. illus Army 29:23-24 Oct '79

Where have all the soldiers gone? Bob Gatty. illus Army 29:28-29 Nov '79

History

Recruiting (posters) through the years. illus Soldiers 34:41-43 Feb '79

Marine Corps--U.S.

Madison Avenue Marines. LtCol Peter J. Rowe. illus tabs MarCor Gaz 63:24-35 Feb '79

2-year enlistment. MarCor Gaz 63:2 Jul '79

National Guard--Air Force--U.S.

Top ANG recruiters honored. illus Natl Guard 33:5-6 Aug '79

National Guard--Armed Forces--U.S.

DOD's initiatives to strengthen the Ready Reserve. Larry J. Wilson. illus tabs Def Mgt J 15:26-31 May-Jun '79

Incentives. Priority Guard units to share in \$25 million package. tabs Natl Guard 33:11-13 Jan '79

National Guard--Army--U.S.

Consider--accountability. Col Robert de Marcellus. illus Natl Guard 33:16-17 Jan '79

Navy--U.S.

How will we man the fleets? CAPT Brayton Harris, Ret. illus US Nav Inst Proc 105:72-87 May '79

RECRUITING AND ENLISTMENT - ContinuedReserve Forces--Armed Forces--U.S.

DOD's initiatives to strengthen the Ready Reserve. Larry J. Wilson. illus tabs Def Mgt J 15:26-31 May-Jun '79

Reserve Forces--Army--U.S.

Manpower prime Reserves concern. MajGen William R. Berkman. illus Army 29:92-95 Oct '79

RECYCLING

Design approaches to recycling buildings. 1stLt Shaune Liles. illus AF Engrg & Svcs Qtr 20:14-16 Nov '79

RED CROSS

American Red Cross: Your good neighbor. SP5 Lana Ott. illus Soldiers 34:21-24 Jul '79

Red Cross volunteers working in Air Force dental clinics. TIG Brief 31:11 Feb 9 '79

RED TAPE

Defense industries and government: Foolish adversaries. Guest editorial. O.C. Boileau. illus Govt Exec 11:24-25+ Aug '79

The long delay with Army's ASH (Advanced Scout Helicopter). Frank G. McGuire. Govt Exec 11:20-22 Aug '79

Participative personnel management: Involuntary servitude of managers? Sherrie Holliman and Nina Schlegel. illus Def Mgt J 15:18-22 Jul-Aug '79

Should the U.S. settle for second place? C.W. Borklund. illus Govt Exec 11:30+ Nov '79

REDSTONE ARSENAL

Facilities engineering at Redstone Arsenal (AL). Paul W. Hancock. Mil Engr 71:104-105 Mar-Apr '79

Missiles and munitions (training at Redstone Arsenal). SP4 Larry Paul. illus Soldiers 34:51-53 Jul '79

REDUCTION IN FORCE

DOD to close, trim 79 bases. Robin J. Stein. tab Armed Forces J Intl 116:10 May '79

DOPMA action--bill asks cuts in officers. AF Times 40:3 Oct 8 '79

Loring (AFB, ME) reduction halted. AF Times 39:3 Jul 9 '79

Services losing 46 star billets. AF Times 39:4 Jun 11 '79

TACS changes causing 2000 AF, ANG job cuts. tab AF Times 39:12 Jul 2 '79

REED, Walter D.

Air Force Legal Services Center. por AF Mag 62:106 May '79

Discipline and command. MajGen Walter D. Reed. TIG Brief 31:1-2 Nov 16 '79

REED, Walter D. - Continued

International humanitarian law. (Presentation, Inter-American Bar Assoc, San Juan, PR, Aug 28, 1979) MajGen Walter D.Reed. AF Plcy Ltr for Comdrs: Sup No.10:21-30 Oct '79

A legal regime for space activities. (Remarks, American Astronautical Society, Houston, TX, Oct 31, 1978) MajGen Walter D.Reed. AF Plcy Ltr for Comdrs: Sup No.1:9-15 Jan '79

REENLISTMENTAir Force--U.S.

18 SRB skills added Oct 1. Bruce Callander. AF Times 40:1+ Sep 17 '79

First-term reenlistment: Rate up, numbers down. tab AF Times 39:10 Jan 29 '79

Role of the commander and supervisor in the Selective Reenlistment Program (SRP). TIG Brief 31:10 Jul 2 '79

SRB reenlistees in April due money in lump sum. Bruce Callander. AF Times 39:1+ Mar 19 '79

3d term re-ups may pick up. AF Times 40:11 Oct 15 '79

Armed Forces--U.S.

Can 'up-front' \$\$ do the job? Bruce Callander. AF Times 40:16+ Dec 24 '79

Extra bonus dollars seen for next year. Tom Philpott. AF Times 40:1+ Dec 17 '79

'Indefinite' enlistment surfaces. Bruce Callander. AF Times 39:1+ Jan 15 '79

New bonuses seen for senior EM. AF Times 40:1+ Sep 10 '79

New DOD pension plan may draw more to stay 10 years, less for 20. R.L.Janisch. Armed Forces J Intl 116:8 Feb '79

REFUELING see In-Flight Refueling

also subdivision under specific subjects, e.g.,
Airplanes, Military--Refueling
Motor Vehicles--Refueling

REFUELING UNITS

Climb to the top (of SAC's Hall of Fame). Amn Benita Simone. illus Combat Crew 29:4-7+ Mar '79

'Go' force on the frontier. (AF's Alaskan Tanker Task Force) MSgt David B. Drachlis. illus Airman 23:2-7 May '79

Reservists to fly KC-10. illus Air Reservist 31:7 Aug-Sep '79

Their hallmark: 'Success.' SMSgt Gerald H. Smith. illus Air Reservist 31:12-13+ Mar '79

REFUGEES

See also
Vietnamese Conflict, 1957-1975--Refugees

REFUSE AND REFUSE DISPOSAL

See also
Recycling

REGULATIONSArmed Forces

Interior Service Regulations. Col A.Kropotov. Soviet Mil Rev No.9:24-25 Sep '79

Army

Disciplinary Regulations. LtCol Yu.Oshmyansky. Soviet Mil Rev No.11:46-47 Nov '79

(Soviet) Garrison and Guard Duty Regulations. Col L.Pavlov. Soviet Mil Rev No.12:36-37 Dec '79

REHABILITATION

New hope for the disabled. Steve Abbott. illus Soldiers 34:28-33 Apr '79

You may be whatever you resolve to be. Maj R.I. McPherson. illus tabs MarCor Gaz 63:45-51 Aug '79

RELIABILITY

See also subdivision under specific subjects, e.g.,

Airplanes, Military--Reliability
Communications Equipment--Reliability
Electronic Equipment--Reliability
Weapon Systems--Reliability

Logistics challenges in the eighties. MajGen Homer D.Smith. illus Army Log 11:18-21 Sep-Oct '79

Quality function in the Army logistics system. Victor K.Evans. illus Army Log 11:17-19 Nov-Dec '79

Terminology

Derivation of logistic support elements and their integrating relationships. Lee C.Zastovnik. illus Log Spectrum pt 1, 13:5-10 Summer '79; pt 2, 13:10-15 Fall '79

RELIABILITY, HUMAN see Human ReliabilityRELIGION AND RELIGIONS

Islam: A military-political power. Stefan Geisenhener. illus map Mil Elect/Countermeasures 5:14+ May '79

Islam and military power. MajGen Nawabzada Sher Ali Khan Pataudi. map Mil Rev 59:66-73 Nov '79

An Islamic primer. Mil Rev 59:18-19 Nov '79

Muslim group wants own chaplain. AF Times 39:2 Jan 29 '79

The revival of Islamic fundamentalism: The case of Iran. William E.Griffith. Intl Sec 4:132-138 Summer '79

The United States and the crescent of crisis: A view from the region. Shafqat Ali Shah. illus Strat Rev 7:39-50 Fall '79

RELIGION IN THE ARMED FORCES

Muslim group wants own chaplain. AF Times 39:2
Jan 29 '79

REMEDIAL READING

New reading program results. AF Times 40:7
Oct 1 '79

When GI Joe can't read. Lothar H. Wedekind. illus
AF Times, Times Magazine sup:6-12 Nov 5 '79

REMOTE-ISOLATED DUTY

Images: A reflection on people management (at Thule
AB, Greenland). Col Clark T. Price and LtCol
Arthur T. Stellmach. illus AF Engrg & Svcs Qtr
20:23-25 Feb '79

Remote to Las Vegas. (Tolicha Peak Electronic War-
fare Range uses TDY personnel from Nellis AFB,
NV) Capt Katie Cutler. illus Airman 23:31-37
Apr '79

REMOTELY PILOTED VEHICLES

See also
Drones

Gallery of USAF weapons: Remotely Piloted Vehicles
(RPVs). illus AF Mag 62:132 May '79

International debate on RPVs. Doug Chopping. illus
tab Interavia 34:1139-1142 Dec '79

Skatan: A mini-RPV for reconnaissance. LtCol P.
Crèvecoeur. illus tabs Intl Def Rev 12, No. 4:
606-608 '79

Tac recce developments: New plane, sensors, RPVs
needed. illus tab Armed Forces J Intl 116:36+
Jul '79

Tactical pilotless aircraft--do they really have a
future? Chris Bulloch. illus Interavia 34:335-338
Apr '79

REPAIR see Maintenance and RepairREPORT WRITING

Aircraft mishap safety reports: A few problems. TIG
Brief 31:19 Jun 1 '79

When it's your turn on the (safety investigation)
board. LtCol Richard J. Miller, Jr. illus Aerosp
Safety 35:18-20 Jan '79

REPORTERS AND REPORTING

The reporters who bring you the defense news--and
how they rate the men who make it. Benjamin F.
Schemmer and Robin J. Stein. illus tabs Armed
Forces J Intl 116:20-22+ Aug '79

What to do till the P.A.O. (Public Affairs Officer)
arrives. Maj James G. Gibson II. illus MAC Flyer
26:4-5 Dec '79

When a reporter calls you. TIG Brief 31:21
Apr 20 '79; AF Plcy Ltr for Comdrs: Sup No. 8:
38 Aug '79

REPUBLIC OF SOUTH AFRICA see South Africa (Re-
public)RESCUE WORKSee also

Airplanes in Rescue Work
Helicopters in Rescue Work
Search and Rescue

The long harsh winter of 1979. illus Natl Guard 33:
8-12+ Mar-Apr '79

State duty! illus Natl Guard 33:8-11+ Jun '79

RESEARCH see specific kinds of research, e.g.,

Aeronautical Research
Aviation Medicine--Research
Electronic Research
Energy Research
Engineering Research
Environmental Protection Research
Marketing Research
Medical Research
Physiological Research
Psychological Research
Research and Development
Scientific Research
Space Research
Underwater Research

RESEARCH AND DEVELOPMENT

Electronic environments. Regular feature in some
issues of Defense & Foreign Affairs Digest

Modern weapon technology. Regular feature in some
issues of RUSI Journal for Defence Studies

Air Force--U.S.

AFA policy paper: Force modernization and R&D.
AF Mag 62:46-50 Nov '79

Basic research in the Air Force. (Presentation, 5th
Annual Mini-symposium on Aerospace Science and
Technology, Wright-Patterson AFB, OH, March 21,
1979) Harry L. Van Trees. AF Plcy Ltr for
Comdrs: Sup No. 8:11-16 Aug '79

A guide to USAF's R&D facilities. AF Mag 62:162-
165 May '79

The imperatives of electronic superiority. Ruth M.
Davis. illus tab AF Mag 62:55-59 Jul '79

Killing Vet Corps would hurt country (says USAF
Surgeon General LtGen Paul W. Myers). Ron San-
ders. AF Times 40:3 Aug 27 '79

Mission-area resource allocation for Air Force R&D.
Col Thomas C. Brandt and others. tabs illus Def
Sys Mgt Rev 2:77-92 Spring '79

R&D MAs. LtGen Thomas P. Stafford. illus Air Re-
servist 32:14-15 Nov '79

"... to be against readiness is to be against mother-
hood." Interview. LtGen Thomas P. Stafford. illus
tabs Armed Forces J Intl 117:28+ Nov '79

Armed Forces--Russia

Soviets moving fast in R&D, Hill told. William J.
Perry. AF Times 39:20 Mar 19 '79

Armed Forces--U.S.

Defense electronics R&D roundup. Regular feature in
issues of Defense Electronics

RESEARCH AND DEVELOPMENT - ContinuedArmed Forces--U.S. - Cont'd

Progress on energy beam weapons. Bonner Day. illus tabs AF Mag 62:62-65 Jul '79

R&D for defense ... the vital investment. S.A. Conigliaro. illus Natl Def 63:34-36 May-Jun '79

The U.S. Ballistic Missile Defense Research and Development Program. LtCol Martin G. Olson. illus Air Def Mag, pp 6-10, Jan-Mar '79

Army--U.S.

Aviation Systems Division. LtCol George Sibert. illus charts USA Avn Dig 25:9-11+ Jul '79

Camouflage: Survival costume. David Harvey. illus Def & For Aff Dig 7, No. 10:15-17+ '79

Fluidic voice communications systems. Maj George M. Alexander and Tadeusz M. Drzewiecki. illus Signal 33:47-50 Jan '79

New developments. Regular feature in issues of National Defense

Pershing II go-ahead. Intl Def Rev 12, No. 3:315 '79

Defense Dept--U.S.

Arm wrestling with industry: Pentagon antes \$200 million for fast ICs. Harry F. Eustace. illus tab Elect Warfare/Def Elect 11:39-42+ Jan '79

Augustine's laws and major system development programs. Norman R. Augustine. tabs Def Sys Mgt Rev 2:50-76 Spring '79

The basic research program in the Department of Defense. George Gamota. illus tabs Natl Def pt 1, 63: 31-33+ May-Jun '79; pt 2, 64:35-37 Jul-Aug '79

(DOD basic research, exploratory development, and advanced technology) Interview. Ruth M. Davis. illus Mil Elect/Countermeasures 5:25+ Sep '79

DOD manufacturing technology program. Lloyd L. Lehn. illus Natl Def 63:42-44+ May-Jun '79

Data analysis for defense. Y.S. Touloukian. illus tabs Natl Def 63:45-49 May-Jun '79

Directed energy weapons. Paul A. Chadwell. illus tab Natl Def 64:56-62 Nov-Dec '79

Exploring technology. Harold Brown. illus tabs Command Plcy 2: entire issue Aug '79

Managing Defense science and technology. Ruth M. Davis. tab Natl Def 63:28-30+ May-Jun '79

Managing less-than-major joint programs. CAPT Phillip E. Oppedahl and Col Henry R. Passi. Def Sys Mgt Rev 2:19-29 Spring '79

Representation and responsibility in a tri-Service program. William C. Wall, Jr. Def Sys Mgt Rev 2:30-33 Spring '79

Navy--U.S.

A new look at Arapaho--an idea whose time has come? James J. Mulquin. Sea Power 22:23-29 May '79

RESEARCH AND DEVELOPMENT - ContinuedRussia

R&D: Soviet and the U.S. John T. Hayward. Govt Exec 11:42+ Sep '79

Soviet professional scientific and engineering manpower. Jill E. Heuer. illus tabs AU Rev 30:62-67 Jul-Aug '79

United States

IR&D: An unresolvable congressional issue? David G. Sorgel. Govt Exec 11:42+ Oct '79

R&D: Soviet and the U.S. John T. Hayward. Govt Exec 11:42+ Sep '79

Should the U.S. settle for second place? C.W. Borklund. illus Govt Exec 11:30+ Nov '79

RESEARCH CENTERS

Guide to NASA's research centers. AF Mag 62:165 May '79

RESERVATIONS, AIRPLANE see Airlines--Passenger Service

RESERVE FORCES

See also
Selected Reserve Force

Air Force--U.S.

Air Force Reserve. illus tab AF Mag 62:108-109 May '79

The Air Force Reserve Comptroller--an organization on the move. Maj Frank T. Whiting, Jr. illus chart AF Compt 13:24-26 Jan '79

Air Reserve forces face increasing difficulties. Bonner Day. illus AF Mag 62:82-85 Aug '79

Air Reserves "rotate in" (and out of Howard AFB, CZ). illus Translog 10:6-8 Jan '79

The barely known Air Force. (Reserve Mobilization Augmentees make valuable contributions) Maj Gary Mitchelmore. illus Airman 23:41-43 Jul '79

Base billeting officers: Billing for use of transient/contract quarters. TIG Brief 31:6 Jun 15 '79

Being a Reservist. (Remarks, Civic Leaders Tour, Eglin AFB, FL, June 1978) LtCol David Burkett. AF Plcy Ltr for Comdrs: Sup No. 12:35-40 Dec '78

The best in AFRES (94th Weapons System Security Flt, Dobbins AFB, GA). SMSgt Gerald H. Smith. illus Air Reservist 31:12-15 Jun '79

Bodycombe pilots Reserve. CMSgt Matt Mitchell. illus Air Reservist 31:6-7 Jun '79

Brave Shield 19: The big picture. Maj Ralph Francis. illus Air Reservist 31:8-9 Jun '79

Come fly with us! illus tabs Air Reservist 30: entire issue May-Jun '78

DCPA, AFRES sign new agreement. illus Air Reservist 31:22 Jul '79

RESERVE FORCES - ContinuedAir Force--U.S. - Cont'd

Dawn Patrol. Capt Ernie Stepp. illus Air Reservist 31:16 Aug-Sep '79

Entitlement tables for Reservists. Table only. Officer 55:14 Dec '79

Eye to eye with David. (Members of the 920th Weather Reconnaissance Gp fly into Hurricane David) MSgt David B. Drachlis. illus Airman 23:7-12 Dec '79

Fair exchange. Mike Singer. illus Air Reservist 31:7 May '79

1st pass-over exits halted for Res O-3s. M.L. Craver. AF Times 39:1+ Apr 30 '79

Gallant Eagle '79: Reality and myth. TSgt Michael Hampton. illus Air Reservist 31:6-7 Mar '79

General Bodycombe served in successively important posts. illus Officer 55:14 Jun '79

Guyana. Andrew McCarthy and others. illus Air Reservist 31:6-9 Dec '78-Jan '79

His four year tour complete ... the Chief (of Air Force Reserve) reflects. Interview. MajGen William Lyon. illus Air Reservist 31:6-7+ Apr '79

New Chief (of Air Force Reserve) nominated. (MajGen Richard Bodycombe) illus Air Reservist 31:4 Apr '79

No (Re)doubt about it. (Operation Redoubt-Phase III mobilizes AF Reserve forces) illus Airman 23:34-36 Nov '79

North to Alaska. Capt E. Gifford Stack. illus Air Reservist 31:8 May '79

The OER system ... help make it work. Maj Garry R. Mitchelmore. Air Reservist 31:7 Oct '79

Operation Redoubt III largest exercise ever undertaken by AFRes. illus Officer 55:15-16 Sep '79

Outstanding MA's. illus Air Reservist 31:16-18 May '79

R&D MAs. LtGen Thomas P. Stafford. illus Air Reservist 32:14-15 Nov '79

'Redoubt,' largest yet, ends for Reservists. AF Times 40:12 Oct 1 '79

Redoubt ... Phase III. SSgt John Bunker. illus Air Reservist 31:12-15 Aug-Sep '79

Reforger '78 ... cruisin' the autobahn. illus Air Reservist 31:16-17 Dec '78-Jan '79

Reserve heavily involved in Guyana operations. illus Officer 55:14 Jan '79

The Reserve tanker navigator. Capt Richard A. Stewart. illus Navigator 26:22-24 Winter '79

Reserves are ready, says Bodycombe. Ron Sanders. illus AF Times 39:6 Jun 25 '79

Reservists to fly KC-10. illus Air Reservist 31:7 Aug-Sep '79

RESERVE FORCES - ContinuedAir Force--U.S. - Cont'd

SAREX '79. SSgt Mike Lorenz. illus Air Reservist 31:23 Aug-Sep '79

Seven AFRes units earn top (Outstanding Unit) Award. Officer 55:15 Mar '79

Storm trackers. SMSgt Gerald H. Smith. illus Air Reservist 32:12-13+ Nov '79

Support of Guard and Reserve tenant units. TIG Brief 31:22 Apr 6 '79

Survivor benefit plan Dec/Jan 1978. illus Air Reservist 31:18 Dec '78-Jan '79

Tails of the South Pacific. TSgt Jay A. Parry and others. illus Air Reservist 31:16-18 Jun '79

Tenth anniversary busy year for Air Reserve. illus Officer 55:14 Mar '79

Their hallmark: 'Success.' SMSgt Gerald H. Smith. illus Air Reservist 31:12-13+ Mar '79

Total force tames Hurricane Fico. Capt Donald R. Cochran. illus Air Reservist 31:14-15 Dec '78-Jan '79

Women on the move. Marilyn H. Hargreaves and MSgt Thomas Brucia. illus Air Reservist 31:8-11 Mar '79

The world is their workshop. (ANG and AFR civil engineering units) illus Air Reservist 31:10-11+ May '79

Statistics

Air Reserve forces face increasing difficulties. Bonner Day. illus AF Mag 62:82-85 Aug '79

Manpower and personnel program. (Address, House of Representatives Armed Services Committee, Washington, Feb 28, 1979) Antonia Handler Chayes. AF Plcy Ltr for Comdrs: Sup No.4:2-14 Apr '79

Armed Forces

What is "the National Guard" in other nations? Col Bruce Jacobs. illus Natl Guard 33:8-10+ Aug '79

Armed Forces--NATO

NATO and the National Guard. James B. Deerin. illus maps Natl Guard 33:6-11+ Feb '79

Armed Forces--Russia

In time of danger. Col P. Dmitriyev. Soviet Mil Rev No.8:45-47 Aug '79

Armed Forces--U.S.

Being a Reservist. (Remarks, Civic Leaders Tour, Eglin AFB, FL, June 1978) LtCol David Burkett. AF Plcy Ltr for Comdrs: Sup No.12:35-40 Dec '78

Brown and Services fight on Reserve pay. AF Times 40:1+ Sep 3 '79

Brown won't ask Res(erve) pay overhaul. AF Times 40:24 Sep 10 '79

RESERVE FORCES - ContinuedArmed Forces--U.S. - Cont'd

Criteria for training and mobilizing the Ready Reserve. John R. Brinkerhoff and Capt John T. Andrews. tabs illus Def Mgt J 15:10-14 May-Jun '79

DOD's initiatives to strengthen the Ready Reserve. Larry J. Wilson. illus tabs Def Mgt J 15:26-31 May-Jun '79

Regular vs Reserve--pros, cons. AF Times 39:25 Jul 16 '79

Reserve picture dark, (Reserve Forces Policy) Board says. AF Times 39:6 Mar 5 '79

Reserves undermanned and unready, says GAO. AF Times 40:42 Aug 27 '79

Reservists say: Upgrade facilities. AF Times 39:31 Apr 9 '79

Study says: Tighten participation in Reserves. AF Times 40:11 Oct 22 '79

Army--U.S.

Are our Reserve Components ready? Capt Gerald P. Nye. illus Fld Arty J 47:43-46 Sep-Oct '79

(Army Reserve) Gen Henry Mohr. illus Officer 55:12-14 Apr '79

Army Reserve Aviation. LtCol William W. Priest. illus USA Avn Dig 25:27 Jul '79

(Army Reserve) Marksman Teams not only winning but dominating nearly every event. illus Officer 55:12 Nov '79

Autumn Forge 78--a candid report. William I. Latham. illus Air Def Mag, pp 9-13, Apr-Jun '79

Chief (of Army Reserve, MajGen William R. Berkman) asks for unwavering dedication. illus Officer 55:10-11 Sep '79

Citizen soldiers--strength in Reserve. MSgt Matt Glasgow. illus Soldiers 34:21-25 Aug '79

Employer support of the Guard and Reserve. James M. Roche. illus Def Mgt J 15:8-11 Jul-Aug '79

(Maj)Gen Berkman sworn in as (Army) Reserve Chief. illus Officer 55:15 Jul '79

Manpower prime Reserves concern. MajGen William R. Berkman. illus Army 29:92-95 Oct '79

Our ability to "fight now" depends on people. LtGen Robert G. Yerks. illus Army 29:58-63 Oct '79

Readiness Group Fort Bragg (NC). SP5 Lana Ott. illus Soldiers 34:45-50 Oct '79

Reserve Components Puerto Rico style. SGM Bruce N. Bant. illus Soldiers 34:23-26 Sep '79

Reserves at (Fort) Benning (GA)--IOBC short course. 2dLt Dale Wilson. illus Soldiers 34:31-32 Jul '79

The Reserves: Full partners at last, but how ready? Maj Thomas B. Sharratt. illus tabs Army 29:40-44 Jun '79

Reservists and emergency readiness--DCPA (Defense Civil Preparedness Agency). illus Officer 55:16 Jan '79

RESERVE FORCES - ContinuedArmy--U.S. - Cont'd

Retention in the Reserves: The motivation factor. Col James R. Compton. Parameters 9:30-45 Mar '79

Skydancing for the Army Reserve. illus Army 29:36-37 May '79

Support unit improvement program. MajGen Thomas D. Ayers. illus map Army Log 11:41-43 Sep-Oct '79

The total force. Capt Barry D. Willard. illus map Fld Arty J 47:47-49 Jul-Aug '79

Wartime logistics and the USAR: A weak link. Maj Thomas R. Davis. illus Mil Rev 59:33-36 Dec '79

Directories

Major Army Reserve commands. Army 29:115-116 Oct '79

Coast Guard--U.S.

USCG Reserve strength on upturn. Officer 55:14 Feb '79

Marine Corps--U.S.

How to use small Reserve units. Capt Phillip Gold. illus MarCor Gaz 63:38+ Nov '79

Marine Aviation's Reserve is ready. LtCol Gerald C. Kemp. illus MarCor Gaz 63:46-52 Oct '79

On being our own worst enemy (Reserve Enhancement Program). Capt D.D. Kranz. MarCor Gaz 63:21-22 Apr '79

'Readiness' is the watchword of today's Marine Reservists. Capt Terrence P. Murray. illus MarCor Gaz 63:37-42 Apr '79

Navy--U.S.

CNO (ADM Thomas B.) Hayward cites professionalism as theme. illus Officer 55:8 Apr '79

Conference panel (ROA's Fall Service Conference, Kansas City) presents situation summary (on Navy matters). illus Officer 55:10 Jan '79

Naval Air Reserve P3 squadrons in danger due to phasing out of Loran A navigation. Officer 55:15 May '79

Ranking Navy officials give mixed picture of Reserve status. Officer 55:9 Apr '79

(RADM Clarence A. E.) Johnson (Jr) becomes Deputy Director of Naval Reserve. illus Officer 55:8 Oct '79

RADM (Thomas A.) Kamm helped to shape Selected Reserve. illus Officer 55:8 Oct '79

Situation summary of Sea Services events. RADM John B. Johnson. illus Officer 55:13-14 Nov '79

Stormy period to begin (again) on SR strength. RADM John B. Johnson. Officer 55:13 Feb '79

The United States Naval Reservist: Some observations on satisfaction and retention. Louis A. Zurcher, Jr and others. tabs Armed Forces & Soc 6:82-110 Fall '79

RESERVE FORCES POLICY BOARD

Reserve picture dark, (Reserve Forces Policy) Board says. AF Times 39:6 Mar 5 '79

RESERVE OFFICERS ASSOCIATION OF THE U.S.

1182d Army Transportation Terminal Unit earns ROA Outstanding Small Unit Award. illus Officer 55:10 Jun '79

'A matter of will; a matter of courage.' Sen (Roger W.) Jepsen. illus Officer 55:16-17 Dec '79

(ROA National Convention, Anaheim, CA, June 13-16, 1979) illus Officer 55: entire issue Aug '79

(ROA's) Man of the Year (Sen Milton R. Young) speaks out. illus Officer 55:24-25 Apr '79

ROA's mandates provide program for action. Officer 55:31-34 Feb '79

Role of trustees in (ROA) financial affairs. MajGen Donald S. Dawson, Ret. illus Officer 55:6 Jun '79

A year in review for ROA. MajGen Richard H. Cooper. illus Officer 55:8-9 Jun '79

Directories

ROA directory, 1979-1980. illus Officer 55:17-22 Oct '79

RESERVE OFFICERS TRAINING CORPSAir Force

AFROTC's new look. Capt Charles G. Tucker. illus tab AF Mag 62:69-71 Jan '79

Armed Forces

Copyright laws and the ROTC instructor. Maj Dale B. Helbstab. illus Educ J 21:46-48 '78/'79

House panel (Appropriations Committee) scores language training. AF Times 40:2 Oct 15 '79

Army

Procurement of Black Army officers is in trouble. Nathaniel P. Moore. illus Parameters 8:55-61 Dec '78

Reserve Officer's Training Corps. Capt Frank E. Hosek. illus Air Def Mag, pp 17-18, Jul-Sep '79

RESERVES see Reserve Forces

RESOURCE MANAGEMENT

Air Force Facility Energy Program. LtCol William R. Gaddie and Capt Thomas F. Wilson. tabs illus AF Engrg & Svcs Qtr 20:6-9+ Nov '79

Air Force Regional Civil Engineer--ready to help in meeting mission requirements. Col Elo Mussetto. illus AF Engrg & Svcs Qtr 20:34-36 Nov '79

Are you an effective resource management officer? TIG Brief 31:15 Sep 21 '79

Computer flight plans and fuel management. Capt John D. McDermott. illus Navigator 26:28-31 Summer '79

RESOURCE MANAGEMENT - Continued

Establishing the Army's funding-to-readiness relationship in USAREUR. MajGen Elton J. Delaune, Jr and others. illus tabs Def Mgt J 15:4-9 May-Jun '79

Manipulating the supply system: How the customer can prevent it. TIG Brief 31:5 Oct 19 '79

Put management into medical resource management. TIG Brief 31:10 Apr 6 '79

Radio spectrum management training. Charles L. Hutchison. illus Signal 33:43-44+ Jul '79

The resource management system--is it really effective? Capt John R. Biggs. illus AF Compt 13: 32-34 Jul '79

The role of discounting in problems of choice. James S. Blandin and Peter C. Frederiksen. illus tabs Def Mgt J 14:12-15 Nov '78

Top management's role in defense technology development for electronics. Kenneth C. Mundell. Signal 33:29-30 Jul '79

Total resource management. LCDR Thomas McClure. illus tab Armed Forces Compt 24:8-11 Nov '79

RESPIRATIONSee also

Artificial Respiration

Evaluation of assisted positive-pressure breathing on +G_z tolerance. Robert M. Shaffstall and Russell R. Burton. illus tabs Aviation, Space & Envtmt Med 50:820-824 Aug '79

RETENTION OF MILITARY PERSONNEL

Can 'up-front' \$\$\$ do the job? Bruce Callander. AF Times 40:16+ Dec 24 '79

The Coast Guard's retention problem. LT Michael R. Adams. illus US Nav Inst Proc 105:56-61 Nov '79

Commands in drive to stem pilot loss. M. L. Craver. AF Times 39:1+ Feb 12 '79

Education and military commitment. Oscar Grusky. tabs Armed Forces & Soc 6:132-147 Fall '79

Flight pay proposal still clouded. Bruce Callander. AF Times 39:28 Feb 12 '79

Force shortages bad, but controllable. (Testimony before the House Armed Services Subcommittee on Military Personnel) Antonia Handler Chayes. illus AF Times 39:3-4 Mar 12 '79

(Gen B. L.) Davis to Daedalians: Pilot loss alarming. illus AF Times 40:8 Nov 19 '79

How pilot bonus idea would work. Bruce Callander. AF Times 39:4 Feb 19 '79

How will we man the fleets? CAPT Brayton Harris, Ret. illus US Nav Inst Proc 105:72-87 May '79

Keep older members, says Brookings study--save \$\$\$, expertise. tabs AF Times 39:8 Jul 2 '79

Loyalty down is as important as loyalty up. Interview. Gen Lew Allen, Jr. illus Armed Forces J Intl 116: 26-29 Feb '79

RETENTION OF MILITARY PERSONNEL - Continued

Manpower and personnel program. (Address, House of Representatives Armed Services Committee, Washington, Feb 28, 1979) Antonia Handler Chayes. AF Plcy Ltr for Comdrs: Sup No.4:2-14 Apr '79

Navy pilots are bailing out. LCDR Robert W. Day. illus tab US Nav Inst Proc 105:61-65 Oct '79

New Assistant for Retention Activities. TIG Brief 31:20 Dec 7 '79

No surprises in why pilots leave service. M.L. Craver. tab AF Times 39:23 Jun 4 '79

Officer assignment policies. TIG Brief 31:17-18 May 4 '79

One view of aviator retention. LtCol D.R. Stanton. tab MarCor Gaz 63:16-18 Jan '79

Personnel outlook: Nine-tenths overcast. Ed Gates. illus AF Mag 62:130-132+ Sep '79

Recruiting and retention, registration and responsibility. illus Sea Power 22:32-34 Sep '79

Reservists say: Upgrade facilities. AF Times 39:31 Apr 9 '79

Retention in the Reserves: The motivation factor. Col James R. Compton. Parameters 9:30-45 Mar '79

Retention: Our #1 goal. LTJG Richard T. Anderson, Jr. tabs illus US Nav Inst Proc 105:82-85 Jul '79

Retirement supplement. AF Times 39:32p sup opposite p T-2 Feb 26 '79; 39:28p sup opposite p 30 Jul 9 '79; 28p sup opposite p 40 Nov 12 '79

Role of the commander and supervisor in retention. TIG Brief 31:13 Apr 20 '79

3d term re-ups may pick up. AF Times 40:11 Oct 15 '79

(USAF) Retiree Council wants recall study pushed. Don Mace. AF Times 40:33 Dec 24 '79

The United States Naval Reservist: Some observations on satisfaction and retention. Louis A. Zurcher, Jr and others. tabs Armed Forces & Soc 6:82-110 Fall '79

You may be whatever you resolve to be. Maj R.I. McPherson. illus tabs MarCor Gaz 63:45-51 Aug '79

RETIRED MILITARY PERSONNEL

Break all the rules and enjoy retirement. Col James W. Hammond, Jr, Ret. illus MarCor Gaz 63:28-34 Jan '79

DOD report to Congress: Retirees getting raw deal on SBP. Andy Plattner. AF Times 39:4 Feb 26 '79

DOD to Congress: Drop SBP subsidy. Andy Plattner. AF Times 39:4 Jul 23 '79

Disability retirees getting pay break. AF Times 39:12 Jul 16 '79

Doc shortage: Report says limit kin. Richard C. Barnard. AF Times 39:6 Jan 8 '79

RETIRED MILITARY PERSONNEL - Continued

Doctor shortage called a management problem. Richard C. Barnard. AF Times 39:2 Mar 26 '79

Easing of ethics rule near. AF Times 39:20 Jun 11 '79

Fading away in Mexico. Fred Reed. illus AF Times, Times Magazine sup:4-10 Sep 17 '79

A family way. (AF keeps in touch with its family of retirees) Mike Pendrak. illus Airman 23:42-43 Jan '79

Municipal finance--picking up where you left off in military comptrollership. Dallas R. Blevins. illus Armed Forces Compt 24:12-14 Feb '79

Recomp: Pushing a dead issue. Andy Plattner. AF Times 39:20 Apr 23 '79

Retired U.S. military elites--postmilitary employment and its sociopolitical implications. Doo-seung Hong. tab Armed Forces & Soc 5:451-466 Spring '79

Retirees: I raise a year. AF Times 39:10 Apr 23 '79

Retirees selling to PX hard to catch. Suzanne Viau. AF Times 39:3 May 21 '79

Second chance to fly: How retirees can exchange their old wings for new ones. John Lowery. illus AF Times, Times Magazine sup:14-18 Apr 2 '79

Sult cites job discrimination--wives, retirees charge: Work bias, reprisals for whistle-blowing. Richard C. Barnard. illus AF Times 39:4 Mar 19 '79

The traumatic leap to a civilian job. illus AF Times 39:24 Feb 19 '79

Troops retiring now face pay loss. AF Times 39:7 Mar 5 '79

Unemployment restraints on retirees eased in bill. tab AF Times 40:7 Nov 12 '79

RETIREMENTSee also

Discharges, Releases and Separations

Air Force--U.S.

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

New DOD retirement plan called recruiting threat. Tom Philpott. AF Times 39:1+ Apr 16 '79

Putting up-or-out in perspective. Ed Gates. tabs AF Mag 62:64-67 Apr '79

Senior staff changes. Regular feature in issues of Air Force Magazine

History

Putting up-or-out in perspective. Ed Gates. tabs AF Mag 62:64-67 Apr '79

Armed Forces--U.S.

Allow retirement option, says DOD. Tom Philpott. AF Times 39:1+ Feb 26 '79

RETIREMENT - ContinuedArmed Forces--U.S. - Cont'd

Brown retirement plan faces snarls. AF Times 39:4 Jan 15 '79

Carter buys retired plan ... but who will it cover? Tom Philpott. AF Times 39:1+ Jan 29 '79

Carter out of retirement fight. AF Times 39:6 Jun 11 '79

Change of command. Regular feature in issues of Command Policy

DOD's new proposed military retirement plan focuses on equity & force management. illus tabs Command Plcy 2: entire issue Jul '79

Defense to Congress: This (officer relief) must be passed. Andy Plattner. AF Times 40:6 Sep 10 '79

Double whammy for retired plan. Tom Philpott. AF Times 39:3 Apr 30 '79

GAO report: Retirement plans should be uniform. Richard C. Barnard. AF Times 39:3 Feb 12 '79

How the Tower Amendment works: E-7 current monthly retired pay chart. Randy Shoemaker. tab AF Times 39:4 Apr 16 '79

Little change now. (Interview with Rep William Nichols) Andy Plattner. AF Times 39:1+ Feb 19 '79

New DOD pension plan may draw more to stay 10 years, less for 20. R.L. Janisch. Armed Forces J Intl 116:8 Feb '79

New plan: 'Early retirees' could be taxed, recalled. Tom Philpott. AF Times 39:1+ Apr 2 '79

Retiree plan has OMB OK. AF Times 39:3 Jan 22 '79

Retirement supplement. AF Times 39:32p sup opposite p T-2 Feb 26 '79; 39:28p sup opposite p 30 Jul 9 '79; 28p sup opposite p 40 Nov 12 '79

Retirement survey--most military prefer present plan to new. AF Times 40:2 Oct 15 '79

Senate unit (Armed Services Committee) acts to relax some retirement rules. AF Times 40:3 Nov 12 '79

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

Tax provisions snag retirement plan. Andy Plattner. AF Times 39:11 Jul 16 '79

What retirement plan offers--some see little future for new program. Tom Philpott. tabs AF Times 40:4 Jul 30 '79

What's in proposed retirement act awaiting Sec Brown's approval. Tom Philpott. tab AF Times 39:3 Apr 9 '79

Costs

OMB: Cut retired costs. Tom Philpott. AF Times 39:3 Mar 26 '79

Retirement choice: \$3.5 billion tab. AF Times 39:3 Feb 5 '79

RETIREMENT - ContinuedMarine Corps--U.S.

Break all the rules and enjoy retirement. Col James W. Hammond, Jr, Ret. illus MarCor Gaz 63:28-34 Jan '79

Retiring by computer process. CW3 K.L. Mitchell. MarCor Gaz 63:17-18 Jun '79

Reserve Forces--Air Force--U.S.

Correct Air Force Reserve retirement requires work at both ends. Officer 55:10 Nov '79

United States

GAO report: Retirement plans should be uniform. Richard C. Barnard. AF Times 39:3 Feb 12 '79

RETIREMENT FROM BUSINESS, ETC

Bill would up airline retirement age. AF Times 40:6 Nov 12 '79

The need for and benefits of pre-retirement counseling. Smithy Mahon. illus Def Mgt J 15:24-27 Mar-Apr '79

RETIREMENT PAY

Allow retirement option, says DOD. Tom Philpott. AF Times 39:1+ Feb 26 '79

CPI--bad news for active pay--good for retired. AF Times 39:3 May 7 '79

Carter buys retired plan ... but who will it cover? Tom Philpott. AF Times 39:1+ Jan 29 '79

Correct Air Force Reserve retirement requires work at both ends. Officer 55:10 Nov '79

DOD weighing variable BAQ. AF Times 39:3 Feb 12 '79

DOD's new proposed military retirement plan focuses on equity & force management. illus tabs Command Plcy 2: entire issue Jul '79

DOD's plan gains but ... /annual hike = 2% cut. Tom Philpott. AF Times 39:1+ Jan 1 '79

Disability retirees getting pay break. AF Times 39:12 Jul 16 '79

GAO report: Retirement plans should be uniform. Richard C. Barnard. AF Times 39:3 Feb 12 '79

How the Tower Amendment works: E-7 current monthly retired pay chart. Randy Shoemaker. tab AF Times 39:4 Apr 16 '79

New DOD pension plan may draw more to stay 10 years, less for 20. R.L. Janisch. Armed Forces J Intl 116:8 Feb '79

New plan: 'Early retirees' could be taxed, recalled. Tom Philpott. AF Times 39:1+ Apr 2 '79

OMB: Cut retired costs. Tom Philpott. AF Times 39:3 Mar 26 '79

Once-a-year hike pushed for retired. AF Times 40:11 Jul 30 '79

RETIREMENT PAY - Continued

The payoff under proposed Uniformed Services Retirement Benefits Act. MajGen Stanley M. Umstead, Jr. illus Officer 55:20-22 Sep '79

Recomp: Pushing a dead issue. Andy Plattner. AF Times 39:20 Apr 23 '79

Report asks SS for government. AF Times 40:4 Dec 24 '79

Retired pay going up 6.9 percent. Randy Shoemaker. tab AF Times 40:4 Aug 13 '79

Retirees: 1 raise a year. AF Times 39:10 Apr 23 '79

Retirement choice: \$3.5 billion tab. AF Times 39:3 Feb 5 '79

Retirement survey--most military prefer present plan to new. AF Times 40:2 Oct 15 '79

Services united against Social Security offset. Randy Shoemaker. AF Times 39:3 Mar 19 '79

Troops retiring now face pay loss. AF Times 39:7 Mar 5 '79

What's in proposed retirement act awaiting Sec Brown's approval. Tom Philpott. tab AF Times 39:3 Apr 9 '79

Why annuities rise and fall. tab AF Times 39:8 Mar 26 '79

Statistics

'Save pay' nets retirees 4.5% more. Randall Shoemaker. tab AF Times 39:12 Mar 12 '79

RETRAINING PROGRAMAir Force

First-term reenlistment: Rate up, numbers down. tab AF Times 39:10 Jan 29 '79

REVENUES

Shields for mobile units being tested at Tinker (AFB, OK). Stephanie A. Carter. AF Times 39:59 Mar 12 '79

REVIEWS, MILITARY see Military Ceremonies, Honors and SalutesREVOLUTIONARY WAR--U.S.

Disaster in Penobscot Bay. William Fowler. illus Nav War Col Rev 31:75-80 Winter '79

Firing the Molly Stark. Frederick John. illus Army 29:25-28 Jul '79

A letter to Congress from Valley Forge, 23 December 1777. George Washington. Review 58:37-38 Jan-Feb '79

The 1782 American-Spanish Expedition. Eric Beerman. illus US Nav Inst Proc 104:86-87 Dec '78

REVOLUTIONS

Afghanistan after the 1978 revolution. Theodore L. Elliot, Jr. illus Strat Rev 7:57-62 Spring '79

REVOLUTIONS - Continued

The bloody (Somoza) dictatorship comes to an end. K.Pavlov. Soviet Mil Rev No.10:50-51 Oct '79

The crisis in Iran: Why the U.S. ignored a quarter century of warning. Abul Kasim Mansur. Armed Forces J Intl 116:26-33 Jan '79

Defence of socialist achievements, an internationalist task. LtCol V.Gorbunov. illus Soviet Mil Rev No.4:7-9 Apr '79

The politics of futility. Maj C.C.L.O.Owen. RUSI J for Def Studies 123:20-24 Dec '78

The Portuguese Revolution. LCDR James John Tritten. illus Mil Rev 59:57-67 Aug '79

The strategic tremors of upheaval in Iran. Alvin J. Cottrell and RADM Robert J.Hanks, Ret. illus Strat Rev 7:50-56 Spring '79

Toward a causal model of military coups d'état. Ekkeart Zimmerman. illus tabs Armed Forces & Soc 5:387-413 Spring '79

A world at war: Small wars and superpower military intervention. tabs map Def Monitor 8: entire issue Nov '79

RHODESIA

Carter and Kissinger: Contrasts on Africa. Robin N. Montgomery. illus Natl Def 64:34-37+ Nov-Dec '79

Counterinsurgency in Rhodesia. Capt James K. Bruton, Jr. illus Mil Rev 59:26-39 Mar '79

Crisis in southern Africa: Rhodesia. map illus Officer 55:20-21 Feb '79

Rhodesia--standing alone. Dennis Chapman. Army Qtr 108:257-263 Jul '78

RICHARDSON, Elliot L.

Law of the sea. Elliot L.Richardson. Nav War Col Rev 32:3-10 May-Jun '79

RIENZI, Thomas M.

(LtGen) Rienzi retires. por Signal 34:74 Sep '79

The transition in NATO telecommunications. LtGen Thomas M.Rienzi, Ret and LT David W.Coleman. Signal 34:31-35 Sep '79

RIFLES

The FFV 890C 5.56 mm rifle. LtCol P.Crèvecoeur. illus tabs Intl Def Rev 12, No.8:1373-1374 '79

Sterling: Moving in the market. (Interview with James Edmiston) John Fullerton. Def & For Aff Dig 7, No.1:40-41 '79

The Steyr AUG (Automatisches Universal-Gewehr) 5.56 mm rifle. A.J.R.Cormack. illus tab Intl Def Rev 12, No.7:1169-1170 '79

Combat Evaluation

The 5.56 mm FNC rifle. LtCol P.Crèvecoeur. illus tab Intl Def Rev 12, No.3:399-401 '79

RIFLES - ContinuedTesting

Army tests candidate sniper rifles. L.F. Moore. illus tabs Natl Def 64:52-55 Nov-Dec '79

NATO evaluation of small arms: Ammunition and weapons for the post-1980 period. Edward C. Ezell. illus tabs Intl Def Rev 12, No. 8:1367-1372 '79

RIOT CONTROLEquipment

Internal security equipment survey. illus tabs Intl Def Rev 12, No. 6:1002-1006 '79

Training

Riot control in South Africa. Helmut Romer Heitman. Army Qtr 108:314-318 Jul '78

RIOTS

Intergroup conflict and collective violence: The case of New York City, 1960-July 1964. Daniel J. Monti. tabs J Pol & Mil Sociol 6:147-162 Fall '78

Riot violence and protest outcomes. Carol McClurg Mueller. tabs J Pol & Mil Sociol 6:49-63 Spring '78

RIVER CROSSING, MILITARY see Stream Crossing, Military

RIVERS see Waterways

ROADS

The Karakoram Highway: An exercise in nation building. Nazir A. Kamal. illus map Def & For Aff Dig 7, No. 9:18-19+ '79

Reforger '78 ... cruisin' the autobahn. illus Air Reservist 31:16-17 Dec '78-Jan '79

Virginia's roads: DOT disrupts an involved citizenry. (Interview with Harold C. King) illus Govt Exec 11: 46+ Sep '79

ROBERTS, John W.

Air Training Command. por AF Mag 62:74-75 May '79

ROCKET BOOSTERS see Boosters

ROCKET SLEDS

Riding the rail. (High-speed test track at Holloman AFB, NM, is used to test aircraft life support systems and missile guidance systems) Capt Katie Cutler. illus Airman 23:45-48 May '79

ROCKETS

See also
Missiles

Fuels

See Propellants

ROCKETS - ContinuedGround-Support Equipment

Army's GSRS (General Support Rocket System) "shoot-off" intensifies. Benjamin F. Schemmer. illus Armed Forces J Intl 116:16-17 Jun '79

General Support Rocket System. illus Mil Rev 59:78-79 Sep '79

Launching

Army's GSRS (General Support Rocket System) "shoot-off" intensifies. Benjamin F. Schemmer. illus Armed Forces J Intl 116:16-17 Jun '79

First test flight (of rocket/ramjet test vehicle) is 'highly successful.' illus MarCor Gaz 63:4 Jun '79

GSRS (General Support Rocket System) status report. Col Charles J. Buel and Capt Gery R. Miller. illus Fld Arty J 47:13-15 Mar-Apr '79

Slammer VI. Capt Samuel S. Wood, Jr. illus tab Armor 88:36-37 Mar-Apr '79

Testing

Slammer VI. Capt Samuel S. Wood, Jr. illus tab Armor 88:36-37 Mar-Apr '79

United States

GSRS (General Support Rocket System) status report. Col Charles J. Buel and Capt Gery R. Miller. illus Fld Arty J 47:13-15 Mar-Apr '79

General Support Rocket System. illus Mil Rev 59:78-79 Sep '79

The return of a U.S. rocket artillery system. David Harvey. Def & For Aff Dig 7, No. 7:36-37 '79

ROCKWELL INTERNATIONAL CORPHistory

North American Aviation, Inc: Chronology of first flights. Norman L. Avery. illus tabs Am Avn Hist Soc J 24:147-153 Summer '79

ROGERS, Bernard W.

General (Bernard W.) Rogers becomes NATO's SACEUR July 1st. por Armed Forces J Intl 116:18 Apr '79

New SACEUR (Gen Bernard W. Rogers). por NATO's Fifteen Nations 24:30 Jun-Jul '79

ROLES AND MISSIONSAir Force--U.S.

The infinite silo. Norman Polmar. illus Sea Power 22:17-21 Mar '79

Armed Forces--Spain

Spain and its defense organization. LtCol J. Sánchez Méndez and others. illus chart Intl Def Rev pt 1, The Armed Forces. 12, No. 9:1489-1494 '79

ROLES AND MISSIONS - ContinuedArmy--Russia

The Soviet transport Air Force--aircraft and capabilities. Peter Borgart. illus tabs Intl Def Rev 12, No. 6:945-950 '79

Army--U. S.

Fulfilling mission means being ready to fight anytime, anywhere. Gen Edward C. Meyer. illus Army 29: 18-21 Oct '79

Marine Corps--U. S.

New European role for USMC. Capt Garry W. Anderson. MarCor Gaz 63:12+ Mar '79

The Posture hearings: Strong verbal support, but cutbacks continue. L. Edgar Prina. illus Sea Power 22:23-27 Mar '79

Navy--Canada

Canada's maritime forces. Adm R. H. Falls. illus NATO's Fifteen Nations 23:56-60 Special Issue '78

Navy--Denmark

The Danish Royal Navy. VAdm Sven Thstrup. illus NATO's Fifteen Nations 23:61-63 Special Issue '78

Navy--France

The French Navy. Charles Latour. illus tab NATO's Fifteen Nations 23:112-113+ Special Issue '78

Navy--Germany (Federal Republic)

German Navy in the Alliance. VAdm Günter Luther. illus NATO's Fifteen Nations 23:51-52+ Special Issue '78

The German Navy's mine warfare forces. Udo Philipp. illus tab Intl Def Rev 12, No. 2:219-224 '79

Navy--Great Britain

The Royal Navy and NATO. Adm Terence Lewin. illus NATO's Fifteen Nations 23:92-94+ Special Issue '78

Navy--Italy

Italy--the Navy in the Mediterranean environment. Adm Giovanni Torrisi. illus NATO's Fifteen Nations 23:80-83 Special Issue '78

Navy--NATO

The Allied Command Naval Forces Baltic Approaches. VAdm Horst von Schroeter. illus NATO's Fifteen Nations 23:36-39 Special Issue '78

NATO's Allied Command Atlantic. ADM Harry D. Train. illus NATO's Fifteen Nations 23:24-27 Special Issue '78

NATO's Channel Command. Adm Henry Leach. illus NATO's Fifteen Nations 23:30-31+ Special Issue '78

The potential battle of the Atlantic. RADM Sayre A. Swartrauber. illus maps tabs US Nav Inst Proc 105:108-125 May '79

ROLES AND MISSIONS - ContinuedNavy--Netherlands

The Royal Netherlands Navy. VAdm B. Veldkamp. illus NATO's Fifteen Nations 23:72-74+ Special Issue '78

Navy--Norway

The Norwegian Navy. RADM Charles Oluf Herlofson. illus NATO's Fifteen Nations 23:84-87 Special Issue '78

Navy--Portugal

The Portuguese Navy. Adm A. Souto Cruz. illus tab NATO's Fifteen Nations 23:88-90 Special Issue '78

Navy--Russia

The potential battle of the Atlantic. RADM Sayre A. Swartrauber. illus maps tabs US Nav Inst Proc 105:108-125 May '79

Seeing others as we see ourselves: Missions for the Kiev. Harlan B. Miller. Nav War Col Rev 32:105-108 Mar-Apr '79

Navy--Sweden

The Hugin-class FPB: An integral element of Swedish naval defense. R. J. L. Dicker. illus map tab Intl Def Rev 12, No. 2:207-212 '79

Navy--Turkey

Turkey and the Turkish naval forces in NATO. Adm Bülent Ulusu. illus NATO's Fifteen Nations 23: 100-103 Special Issue '78

Navy--U. S.

The fifth fleet: A permanent U.S. Indian Ocean force? L. Edgar Prina. illus Sea Power 22:26-29 Apr '79

Planning for the Navy's future. Francis J. West, Jr. illus tabs US Nav Inst Proc 105:26-33 Oct '79

The Posture hearings: Strong verbal support, but cutbacks continue. L. Edgar Prina. illus Sea Power 22:23-27 Mar '79

The United States Navy. ADM Thomas B. Hayward. illus NATO's Fifteen Nations 23:104-108+ Special Issue '78

The war of unengaged forces--superpowers at sea in an era of competitive coexistence. CDR Russell L. Madison. illus Nav War Col Rev 32:82-94 Mar-Apr '79

ROME AIR DEVELOPMENT CENTER

Analyzing and correcting system microelectronics failures. Ed Doyle, Jr. illus Def Mgt J 15:22-25 May-Jun '79

Griffiss (AFB, NY) center (Rome Air Development Center) tests 'flexible' radio system. Rich Garcia. illus AF Times 39:22 Jul 2 '79

Military microcircuits: Failure analysis at RADC (Rome Air Development Center). Ed Doyle, Jr. illus Mil Elect/Countermeasures 5:75-79 Feb '79

ROSS, M. Collier

Burnishing the 'Shield of Seoul.' LtGen M. Collier
Ross and Maj Charles E. Beckwith. por Army 29:
48-52 May '79

ROWNY, Edward L.

Negotiating with the Russians. Interview. LtGen Ed-
ward L. Rowny, Ret. por AF Mag 62:48-50+
Sep '79

RULE OF THE ROAD AT SEA see Safety at Sea

RUMANIAForeign Policy

Rumania and the Warsaw Pact: The seeds of dissent.
Richard Dana. illus Def & For Aff Dig 7,
No.2:39-40+ '79

Russia

Rumania and the Warsaw Pact: The seeds of dissent.
Richard Dana. illus Def & For Aff Dig 7,
No.2:39-40+ '79

RUNWAYS

Deja vu. (Surveys of landing conditions at unfamiliar
airports) Regular feature in some issues of MAC
Flyer

The Durandal runway penetration bomb. illus Intl Def
Rev 12, No.4:603-605 '79

Getting down and dirty. (C-130 pilots learn to land
and take-off on a dirt runway at Dyess AFB, TX)
MSgt David B. Drachlis. illus Airman 23:18-20
Nov '79

Primrose path. MAC Flyer 26:22-23 May '79

Maintenance and Repair

Developments in rapid runway repair. James R. Van
Orman and Lt Kenneth J. Knox. illus Mil Engr 71:
400-402 Nov-Dec '79

RUSSIA

Efflorescence and coalescence of nations. Col
V. Zhukov. illus Soviet Mil Rev No.8:10-12 Aug '79

Russian CW: Our Achilles heel, Europe. LtCol Gary
Eifried. illus Army 29:24-28 Dec '79

The USSR in political perspective. William E. Grif-
fith. Parameters 9:2-10 Jun '79

Economic Conditions

The public consumption fund and the Soviet family
budget. LtCol L. Dvoretzky. illus Soviet Mil Rev
No.3:10-12 Mar '79

Some economic constraints on defence spending in the
Soviet Union. R. T. Maddock. illus tab RUSI J for
Def Studies 124:38-43 Sep '79

Will the Soviet Union be an autarky in 1984? Marshall
I. Goldman. tab Intl Sec 3:18-36 Spring '79

RUSSIA - ContinuedEconomic Policy

The public consumption fund and the Soviet family
budget. LtCol L. Dvoretzky. illus Soviet Mil Rev
No.3:10-12 Mar '79

Foreign Policy

China: Unfinished encirclement. Stefan T. Possony.
Def & For Aff Dig 7, No.3:4+ '79

Defence of socialist achievements, an internationalist
task. LtCol V. Gorbunov. illus Soviet Mil Rev
No.4:7-9 Apr '79

Exploiting American vulnerabilities. James A. Nathan.
illus Nav War Col Rev 32:39-50 Jul-Aug '79

Global ramifications of the Sino-Soviet dispute.
Richard Dana. illus Def & For Aff Dig 7, No.10:
32-33+ '79

Is the USSR at the point of crucial change? Stefan T.
Possony. illus Def & For Aff Dig 7, No.12:2-5+ '79

Minerals: Key to Soviet current strategies? Michael
Morgan. illus Def & For Aff Dig 7, No.12:17-20 '79

Moscow and the Middle East: The scimitar and sickle.
Def & For Aff Dig 7, No.12:40-41+ '79

Moscow's quest for naval facilities in the Mediterra-
nean. Milan Vego. illus map Def & For Aff Dig 7,
No.12:10-15+ '79

Patterns of Soviet involvement in a local war. Amnon
Sella. RUSI J for Def Studies 124:53-56 Jun '79

Public opinion and Soviet foreign policy: Competing
belief systems in the policy-making process.
James N. Rosenau and Ole R. Holsti. illus Nav War
Col Rev 32:4-14 Jul-Aug '79

Russians nervous about U.S. rapid deployment force.
LtCol William P. Baxter, Ret. illus Army 29:38-39
Dec '79

The Sino-Soviet conflict: A search for new security
strategies. William G. Hyland. illus Strat Rev 7:
51-62 Fall '79

Six U.S. perspectives on Soviet foreign policy inten-
tions. Robert J. Pranger. AEI For Plcy & Def
Rev 1, No.5: entire issue '79

The southern flank of the USSR: Afghanistan, Iran,
and Pakistan. Shirin Tahir-Kheli. illus Nav War
Col Rev 31:30-40 Winter '79

Southern theaters: Is the Warsaw Pact outflanking
NATO's southern flank? John Fullerton. Def &
For Aff Dig 7, No.2:36+ '79

Foreign RelationsAfghanistan

Good neighbours. P. Mezentssev. Soviet Mil Rev No.5:
45-47+ May '79

The southern flank of the USSR: Afghanistan, Iran,
and Pakistan. Shirin Tahir-Kheli. illus Nav War
Col Rev 31:30-40 Winter '79

Africa

Options for U.S. policy toward Africa. Helen Kitchen,
editor. AEI For Plcy & Def Rev 1, No.1: entire
issue '79

RUSSIA - ContinuedForeign Relations - Cont'dAfrica - Cont'd

The planned destruction of the West. Patrick Wall.
illus Sea Power 22:17-22 Nov '79

Soviet-Cuban enterprises in Africa. Robert T. Burns.
illus US Nav Inst Proc 105:28-33 Jul '79

A year of change: The recent and future Middle East--
the Horn of Africa and the Maghreb. Leigh John-
son. illus Def & For Aff Dig 7, No.7:4-7+ '79

Africa, East

Realignment in the Horn: The Soviet advantage. Ste-
ven David. Intl Sec 4:69-90 Fall '79

The Sino-Soviet split: The Horn of Africa, November
1977 to February 1979. LCDR L.G.Shelton, Jr.
illus Nav War Col Rev 32:78-87 May-Jun '79

Canada

Soviet projection capabilities: A view from North of
the border. C.G.Jacobsen. illus tab Nav War Col
Rev 32:95-104 Mar-Apr '79

China

Bear claws and dragon teeth. RADM Kemp Tolley,
Ret. illus US Nav Inst Proc 105:28-34 Dec '79

China (People's Republic)

China: Unfinished encirclement. Stefan T.Possony.
Def & For Aff Dig 7, No.3:4+ '79

Chinese military links with NATO? An assessment of
the Kremlin's concerns. R.D.M.Furlong and
LtCol Al Biegel. Intl Def Rev 12, No.9:1467-
1468 '79

New friends and new enemies. Maj Edgar O'Ballance,
Ret. illus Mil Rev 59:14-25 Oct '79

Sino-Soviet competition in the Yemens. LCDR Charles
T.Creekman, Jr. map illus Nav War Col Rev 32:
73-82 Jul-Aug '79

The Sino-Soviet conflict: A search for new security
strategies. William G.Hyland. illus Strat Rev 7:
51-62 Fall '79

Sino-Soviet relations since the death of Mao Zedong.
LtCol Burrell H.Landes, Jr. illus tab Nav War
Col Rev 32:29-47 Sep-Oct '79

The Sino-Soviet split: A fixture on the landscape?
Richard Dana. Def & For Aff Dig 7, No.8:
45-47 '79

The Sino-Soviet split: The Horn of Africa, November
1977 to February 1979. LCDR L.G.Shelton, Jr.
illus Nav War Col Rev 32:78-87 May-Jun '79

Cuba

Every eight years in Cuba. Mil Elect/Countermea-
sures 5:16+ Jan '79

RUSSIA - ContinuedForeign Relations - Cont'dCuba - Cont'd

Is Cuba's build-up aimed against NATO reinforce-
ment? David Harvey. maps Def & For Aff Dig 7,
No.6:36-37 '79

Ethiopia

The Soviet-Ethiopian liaison--airlift and beyond.
Capt Gary D.Payton. illus AU Rev 31:66-73 Nov-
Dec '79

Europe, Eastern

Economic developments in the Eastern Bloc: Is the
Soviet web of control tightening? Aurel Braun.
illus Parameters 9:46-55 Sep '79

Iran

The southern flank of the USSR: Afghanistan, Iran,
and Pakistan. Shirin Tahir-Kheli. illus Nav War
Col Rev 31:30-40 Winter '79

U.S. non-response to Iran crisis causes loss greater
than Vietnam. Col Robert D.Heinl, Jr, Ret. illus
Sea Power 22:29-31 Mar '79

Latin America

The planned destruction of the West. Patrick Wall.
illus Sea Power 22:17-22 Nov '79

Middle East

Moscow and the Middle East: The scimitar and sickle.
Def & For Aff Dig 7, No.12:40-41+ '79

Patterns of Soviet involvement in a local war. Amnon
Sella. RUSI J for Def Studies 124:53-56 Jun '79

The weapons connection. Maj Robert R.Ulin. illus
map tabs Mil Rev 59:55-65 Nov '79

NATO

Southern theaters: Is the Warsaw Pact outflanking
NATO's southern flank? John Fullerton. Def &
For Aff Dig 7, No.2:36+ '79

Pacific Region

Russia in the western Pacific. Brig F.W.Speed.
Army Qtr 109:142-146 Apr '79

Pakistan

The southern flank of the USSR: Afghanistan, Iran,
and Pakistan. Shirin Tahir-Kheli. illus Nav War
Col Rev 31:30-40 Winter '79

Persian Gulf Region

Soviet oil and the security of the Gulf. Dennis Chaplin.
RUSI J for Def Studies 123:50-52 Dec '78

•

Rumania

Rumania and the Warsaw Pact: The seeds of dissent.
Richard Dana. illus Def & For Aff Dig 7,
No.2:39-40+ '79

RUSSIA - ContinuedForeign Relations - Cont'dSomalia

Soviet military presence abroad: The lessons of Somalia. Capt Gary D. Payton. *illus Mil Rev* 59:67-77 Jan '79

Third World

Global ramifications of the Sino-Soviet dispute. Richard Dana. *illus Def & For Aff Dig* 7, No. 10: 32-33+ '79

The twilight war. Richard T. McCormack. *illus Army* 29:12-20 Jan '79

United States

Every eight years in Cuba. *Mil Elect/Countermeasures* 5:16+ Jan '79

In the absence of SALT. Michael Nacht. *Intl Sec* 3: 126-137 Winter '78-'79

SALT II and verification: Adequacy and advocacy. Amrom H. Katz. *Mil Engr* 71:309-314 Sep-Oct '79

Six U.S. perspectives on Soviet foreign policy intentions. Robert J. Pranger. *AEI For Plcy & Def Rev* 1, No. 5: entire issue '79

Sounding the tocsin: NSC 68 and the Soviet threat. Samuel F. Wells, Jr. *Intl Sec* 4:116-158 Fall '79

RUSSIA - ContinuedForeign Relations - Cont'dVietnam (Socialist Republic)

Cam Ranh revisited: 'Sweet water' for USSR? L. Edgar Prina. *illus Sea Power* 22:18-22 May '79

Communist vs Communist in Southeast Asia. Douglas Pike. *Intl Sec* 4:20-38 Summer '79

Soviet access to Cam Ranh Bay: Political and military implications. Tai Sung An. *illus map US Nav Inst Proc* 105:111-113 Sep '79

History

Disillusioned friends: British officers in Southern Russia, 1919-1920. L. T. Morris. *Army Qtr* 109: 319-336 Jul '79

Reexaminations of the Russian Civil War. Richard K. Debo. *Armed Forces & Soc* 6:148-161 Fall '79

Politics and Government

Government by the people under socialism. LtCol V. Aidarov. *Soviet Mil Rev* No. 2:14-15 Feb '79

Party development in the Armed Forces of the USSR. ColGen M. Sobolev. *illus Soviet Mil Rev* No. 5:2-5 May '79

Social Conditions

Socialist humanism. Col B. Safronov. *Soviet Mil Rev* No. 11:9-11 Nov '79

RYAN, John D.

The hazard of being outstanding. Gen John D. Ryan. (Reprinted from *Combat Crew*, April 1966) *Combat Crew* 29:2-3 Sep '79

SABMIS (Strategic Antiballistic Missile Intercept System) see Missile Defense

SAC see Strategic Air Command

SACEUR see Allied Command Europe

SACLANT see Allied Command Atlantic

SALT see Arms Control

SAMSO see Space and Missile Systems Organization

SAR see Search and Rescue

SES see Air Cushion Vehicles

SHAPE TECHNICAL CENTRE

The decision process--focal point of command and control. Irving R. Mirman. illus NATO's Fifteen Nations 24:130+ Oct-Nov '79

SOF see Special Operations Force

SOLE see Society of Logistics Engineers

STOL see Airplanes, V/STOL

SABOTAGE

The underwater sabotage threat. CAPT Raymond A. Hundevadt, Ret. illus US Nav Inst Proc 105:61-64 Sep '79

SADLER, Robert E.

Air Force Communications Service. por AF Mag 62: 68-69 May '79

The Air Force officer. (Excerpts from Dining-In Address, Class 79-09, Officer Training School, Lackland AFB, TX, May 2, 1979) MajGen Robert E. Sadler, Ret. AF Plcy Ltr for Comdrs: Sup No. 9: 35-40 Sep '79

SAFETY AT SEA

Smaller, lighter, faster, and deeper diving. (New Soviet submarine "Alpha") CAPT Edward L. Beach, Ret. illus Def Elect 11:43-46+ Aug '79

SAFETY MEASURES see

Flying Safety
Ground Safety
Water Safety

also subdivision Safety Measures under specific subjects, e.g.,

Airplanes, Military--Safety Measures
Armored Vehicles--Safety Measures
Chemical-Biological Warfare--Safety Measures
Helicopters, Military--Safety Measures
Lasers--Safety Measures
Missiles--Safety Measures
Nuclear Weapons--Safety Measures
Ordnance--Safety Measures
Propellants--Safety Measures
Radiation--Safety Measures
Ships--Safety Measures
Tanks, Military--Safety Measures

SAFETY PROGRAMS

Air Force

AF begins own engineering safety guide. AF Times 40:13 Dec 24 '79

SAFETY PROGRAMS - Continued

Air Force - Cont'd

Battle status report... USAF versus FOD. Maj Philip M. McAtee and Capt William E. Kohlenberger. illus tabs Aerosp Safety 35:14-16 Dec '79

Busy, busy, busy. TSgt Ellis Mann. illus TAC Attack 19:10-11 Aug '79

Civilian safety and health discipline. TIG Brief 31:6 Jul 13 '79

HATR (Hazardous Air Traffic Report) perspective. Maj Joseph Yadouga. illus Aerosp Safety 35:8-9 Dec '79

How's your safety image? TIG Brief 31:16 Oct 5 '79

Job safety training: What is it? TIG Brief 31:15 Aug 17 '79

Laser hazard assessment course. TIG Brief 31:16 Jun 15 '79

Nuclear safety programs: The pendulum effect. TIG Brief 31:11 Jan 12 '79

An ounce of prevention. Capt Bob Gage. illus TAC Attack 19:24-25 May '79

Risk assessment--the first step. Maj Alan T. Reid. illus tab TAC Attack 19:4-6 Aug '79

Safety--a people program. (SAC's annual Safety Management Seminar, Carswell AFB, TX, Oct 2, 1979) Maj Stephen J. Miller. illus Combat Crew 29:8-11 Dec '79

Safety attitudes. TIG Brief 31:18 Dec 7 '79

Too late to hide. Capt Robert W. Kirkwood. illus TAC Attack 19:26-28 Jun '79

SAGE

Vision from the deep. (NORAD's underground facility in North Bay, Ontario, Canada) Capt Dick Sheffield. illus Airman 23:2-8 Feb '79

SAILPLANES see Gliders

SALARIES see Income

also subdivision Salaries and Wages under specific subjects, e.g.,
Civilian Employees--U.S.--Salaries and Wages

SALIBA, Gabriel S., Jr

Do your people produce for you? LtCol Gabriel S. Saliba, Jr. por Armed Forces Compt 24:32-34 Nov '79

SALUTES, MILITARY see Military Ceremonies, Honors and Salutes

SALVAGE

Global Hope aground: Chronicle of an oil spill. LCDR Kent W. Mathews. illus US Nav Inst Proc 105:127-130 Oct '79

Let's salvage the salvage force. CDR William I. Milwee, Jr, Ret. illus US Nav Inst Proc 105:54-59 Dec '79

The recovered sunken warship: Raising a legal question. LT Roger D. Wiegley. illus US Nav Inst Proc 105:26-32 Jan '79

SATELLITES, ARTIFICIAL

See also
Space Stations

Communication Applications

See also
Tactical Satellite Communications

Communication satellites for the energy crisis. Theo Pirard. illus maps tabs Aerosp Intl 15:42-44+ Jun-Jul '79

Control of communications satellites. John L. Mc-Lucas and Fred W. Weber. illus Signal 34:18-22 Nov-Dec '79

(Creation of Emergency Satellite Communications System--ESCS) Signal 33:72 Feb '79

DCS at the crossroads. VADM Samuel L. Gravely, Jr. illus Signal 33:53-54+ May-Jun '79

Emergency Satellite Communications System (ESCS). Bardyl R. Tirana. illus Signal 34:49-53 Nov-Dec '79

A few basics of satellite systems. Wilbur L. Pritchard. illus Signal 34:57-58+ Nov-Dec '79

House panel (Appropriations Committee) approves funds for satellite television o'seas. AF Times 40:14 Dec 17 '79

(INTELSAT communications satellite--IV-A) Signal 33:64 Feb '79

Laser satellite communications. Mike Matchman. tab Mil Elect/Countermeasures 5:44-45 Jun '79

Military satellite communications systems: Directions for improvement. Paul Rosen. tab Signal 34:33-34+ Nov-Dec '79

(NATO-III communications satellites) Signal 33:148 Jan '79

New research on orbital systems. Axel Hörhager. illus Intl Def Rev 12, No. 1:18 '79

New satellite projects at Telecom '79. illus Interavia 34:1094-1096 Nov '79

Part-time manning at DSCS earth stations. Maj James A. Mazzei. illus Signal 33:38-41 Jan '79

Rockwell's new military satellite communications terminal. Signal 34:84 Oct '79

Satellite communications: Civil applications thriving. Chris Bulloch. illus map tab Interavia 34:1134-1138 Dec '79

The trumpets of war. William F. Ryan, Jr. illus Fld Arty J 47:50-53 Jul-Aug '79

Westar today and tomorrow. Philip Schneider. illus Signal 34:43-45 Nov-Dec '79

Detection

See also
Space Detection and Tracking System

SATELLITES, ARTIFICIAL - ContinuedEarth Sciences Applications

Earth observation techniques: Changing the face of our planet. Theo Pirard. illus Aerosp Intl 15:35-38 Aug-Sep '79

Meteorological Applications

Larger meteorological satellite with greater sensor capability will be in orbit by 1984. illus Def Elect 11:29+ Nov '79

Meteorological Site 15 one of only 3 in world. AF Times 39:16 Apr 23 '79

Military Applications

(C³, the communications industry, and SALT II) (Key-note luncheon address, AFCEA Convention, Washington, June 19, 1979) Sen John W. Warner. illus Signal 33:21-23 Aug '79

GPS (Global Positioning System) guidance uses satellites. illus Signal 34:82 Nov-Dec '79

Larger meteorological satellite with greater sensor capability will be in orbit by 1984. illus Def Elect 11:29+ Nov '79

Military satellite communications systems: Directions for improvement. Paul Rosen. tab Signal 34:33-34+ Nov-Dec '79

New research on orbital systems. Axel Hörhager. illus Intl Def Rev 12, No. 1:18 '79

SAC assumes operational management for space surveillance and missile warning resources. Brig Gen William L. Shields, Jr. illus map Combat Crew 29:20-21 Dec '79

Navigation Applications

Airborne navigation systems: Big changes ahead. Yves Robins. illus NATO's Fifteen Nations 24:98+ Apr-May '79

GPS (Global Positioning System)--a universal navigation aid. Dan Boyle. illus map Interavia 34:266-268 Mar '79; Mil Rev 59:52-58 Sep '79

GPS (Global Positioning System) guidance uses satellites. illus Signal 34:82 Nov-Dec '79

GPS (Global Positioning System) is on the ground. Leonard J. Jacobson. illus Signal 33:47-48 Mar '79

Global positioning and navigation satellites. Theo Pirard. illus Aerosp Intl 15:20-22+ Apr-May '79

NAVSTAR/GPS: A unique U.S. high-precision worldwide navigation system. Gowri S. Sundaram. illus tab Intl Def Rev 12, No. 7:1142-1146 '79

NAVSTAR goes to sea. LCDR J.A. Strada. illus US Nav Inst Proc 105:106-108 Jul '79

Scientific Uses

See also
Satellites, Artificial--Meteorological Applications

Control of communications satellites. John L. Mc-Lucas and Fred W. Weber. illus Signal 34:18-22 Nov-Dec '79

SATELLITES, ARTIFICIAL - ContinuedScientific Uses - Cont'd

A legal regime for space activities. (Remarks, American Astronautical Society, Houston, TX, Oct 31, 1978) MajGen Walter D. Reed. AF Plcy Ltr for Comdrs: Sup No. 1:9-15 Jan '79

NOAA's operational satellite service--C3A. David S. Johnson. illus Signal 34:24-28+ Nov-Dec '79

Solar Energy Applications

Solar power and the future in space. Clarke Covington. tabs illus RUSI J for Def Studies 124:12-21 Mar '79

Tracking

See also

Space Detection and Tracking System

NATO

(NATO-III communications satellites) Signal 33:148 Jan '79

Russia

Soviet space activities in 1978. Charles S. Sheldon II. illus tabs AF Mag 62:82-87 Mar '79

United States

SAMSO: A status report. Edgar Ulsamer. illus AF Mag 62:56-63 Aug '79

SATELLITES, RECONNAISSANCE

(C3, the communications industry, and SALT II) (Key-note luncheon address, AFCEA Convention, Washington, June 19, 1979) Sen John W. Warner. illus Signal 33:21-23 Aug '79

Crossroads for strategic reconnaissance. Alexander Scott. Armed Forces J Intl 116:18+ May '79

Earth observation techniques: Changing the face of our planet. Theo Pirard. illus Aerosp Intl 15:35-38 Aug-Sep '79

New research on orbital systems. Axel Hörhager. illus Intl Def Rev 12, No. 1:18 '79

Strategic reconnaissance and the verification of the SALT II agreement. Alexander Scott. Armed Forces J Intl 116:30-31+ Jun '79

SAUDI ARABIA

Eagles in Arabia. (Special mission deploys 12 F-15s from Langley AFB, VA, to Saudia Arabia) Maj Robert W. Nicholson, Jr. illus Airman 23:2-6 Jul '79

Saudi Arabia: The next Iran? Amos A. Jordan, Jr. illus Parameters 9:2-8 Mar '79

SCHOLARSHIPS AND FELLOWSHIPS

Scholarships for Marine juniors (Marine Corps Scholarship Foundation). Col Richard W. Stone. MarCor Gaz 63:16 Mar '79

SCHOOL OF MILITARY SCIENCES, OFFICER see Officer Training SchoolSCHRATZ, Paul R.

Military ethics in the United States: Closing the gap between civilian and military. Paul R. Schratz and Francis X. Winters. Nav War Col Rev 32:102-109 Sep-Oct '79

SCHULZE, Richard C.

Matching our military character with our contemporary culture. MajGen R. C. Schulze. MarCor Gaz 63:43-48 Sep '79

SCHWOB, William S.

A new focus on Antarctica. RADM William S. Schwob and Harry M. Tollerton. por US Nav Inst Proc 105: 42-45 Dec '79

SCIENCE

Managing Defense science and technology. Ruth M. Davis. tab Natl Def 63:28-30+ May-Jun '79

Science, intelligence and policy. R. V. Jones. RUSI J for Def Studies 124:9-17 Jun '79

Transatlantic science--a unique programme. Nimet Özdağ. illus NATO's Fifteen Nations 24:181-182+ Oct-Nov '79

SCIENTIFIC AND TECHNICAL INFORMATION PROGRAM--DEFENSE DEPT

Data analysis for defense. Y. S. Touloukian. illus tabs Natl Def 63:45-49 May-Jun '79

SCIENTIFIC RESEARCHMilitary Applications

The basic research program in the Department of Defense. George Gamota. tabs Natl Def 63:31-33+ May-Jun '79

NATO

Transatlantic science--a unique programme. Nimet Özdağ. illus NATO's Fifteen Nations 24:181-182+ Oct-Nov '79

Russia

R&D: Soviet and the U.S. John T. Hayward. Govt Exec 11:42+ Sep '79

Soviet professional scientific and engineering manpower. Jill E. Heuer. illus tabs AU Rev 30:62-67 Jul-Aug '79

United States

The basic research program in the Department of Defense. George Gamota. illus tabs Natl Def pt 1, 63: 31-33+ May-Jun '79; pt 2, 64:35-37 Jul-Aug '79

R&D: Soviet and the U.S. John T. Hayward. Govt Exec 11:42+ Sep '79

Should the U.S. settle for second place? C. W. Borklund. illus Govt Exec 11:30+ Nov '79

SCOTT, William A., Jr

Marine Corps C4 systems architecture. BrigGen William A. Scott, Jr. Signal 33:25-27 Jul '79

SCOTT, Winfield S., III

Tightening the reins on contract costs and schedules. BrigGen Winfield S. Scott III, Ret. Def Mgt J 15: 28-33 Mar-Apr '79

SCOTT, Winfield W., Jr

Alaskan Air Command. por AF Mag 62:76-77 May '79

SCOWCROFT, Brent

American attitudes toward foreign policy. LtGen Brent Scowcroft, Ret. Nav War Col Rev 32:11-19 Mar-Apr '79

SCURLOCK, Robert

FY 1980 Air Force budget in brief. MajGen Robert Scurlock. por AF Compt 13:10-13 Apr '79

A new Budget Director; three major generals retire. AF Compt 13:3 Jul '79

Notes from the Director of Budget. MajGen Robert Scurlock. por AF Compt 13:21 Jan '79

Notes from the Director of Budget. MajGen Robert Scurlock. por AF Compt 13:19 Apr '79

SEA-BASED MISSILE DEFENSE SYSTEM see Missile DefenseSEA CADETS

Sea cadets. Regular feature in some issues of Sea Power

SEA CONTROL

Countering Soviet imperialism. Col Joseph E. Hopkins and LtCol William R. Warren. illus tab US Nav Inst Proc 105:58-65 Jun '79

Ocean control: ASW, the Soviet view. Norman L. Stone. illus map tab Mil/Elect Countermeasures pt 1, 5:34-36+ Jun '79; pt 2, 5:32+ Jul '79

Ocean control: Soviet ASW technology. Jim Bussert. illus tabs Mil Elect/Countermeasures pt 1, 5:40+ Sep '79; pt 2, 5:43+ Nov '79

Ocean control: Soviet submarine warfare and ASW today. Norman L. Stone. illus tab Mil Elect/Countermeasures pt 1, 5:24+ Aug '79; pt 2, 5:50-52+ Sep '79

Over the horizon with the cruise missile. CDR Robert C. Powers. illus US Nav Inst Proc 105:108-110 Feb '79

Power projection as a part of sea control. (Bevan G. Cass Award) CDR Bruce VanHeertum. illus maps MarCor Gaz 63:28-33 Sep '79

Protecting new frontiers on the ocean floor. LtComdr M. P. Gretton. (Trench Gascoigne Prize Essay, 1977) RUSI J for Def Studies 124:32-34+ Mar '79

V/STOL and the U.S. Navy. CAPT G. G. O'Rourke, Ret. illus MarCor Gaz 63:43-47 Jan '79

Weapon system series: Sea control-helicopter carrier Garibaldi. Enrico Po. illus tab NATO's Fifteen Nations 24:58-60+ Aug-Sep '79

SEA POWER

The foreword to Jane's (Fighting Ships 1979-80). Capt John Moore, Ret. illus Sea Power 22:24-32 Aug '79

SEA POWER - Continued

Planning for the Navy's future. Francis J. West, Jr. illus tabs US Nav Inst Proc 105:26-33 Oct '79

Sea power in the Eastern Mediterranean. J. E. Moore. illus NATO's Fifteen Nations 24:38-40+ Jun-Jul '79

Seapower in the Indian Ocean: A requirement for Western security. CAPT John E. Lacouture, Ret. illus maps US Nav Inst Proc 105:30-41 Aug '79

U.S. oil sea routes and minor naval powers. Milan Vego. illus tabs map Def & For Aff Dig 7, No. 8: 12-15+ '79

History

The role of the Royal Navy in the Napoleonic Wars after Trafalgar, 1805-1814. David Syrett. illus Nav War Col Rev 32:71-84 Sep-Oct '79

NATO

NATO at sea. Capt John E. Moore. illus NATO's Fifteen Nations 23:19-23 Special Issue '78

The potential battle of the Atlantic. RADM Sayre A. Swartrauber. illus maps tabs US Nav Inst Proc 105:108-125 May '79

Russia

Admiral Gorshkov--naval genius or political opportunist? illus Intl Def Rev 12, No. 5:719-720 '79

Assessing the Soviet Navy. Steven E. Miller. illus tabs Nav War Col Rev 32:56-70 Sep-Oct '79

Increasing Soviet naval power--what's the bottom line? illus tabs Elect Warfare/Def Elect 11:54-55+ Apr '79

The lifeline: Atlantic Command. ADM Harry D. Train II. illus NATO's Fifteen Nations 24:25-27 Oct-Nov '79

A maritime or continental strategy? A British view. Patrick Wall. illus Sea Power 22:17-21 Apr '79

NATO at sea. Capt John E. Moore. illus NATO's Fifteen Nations 23:19-23 Special Issue '78

NATO's Allied Command Atlantic. ADM Harry D. Train. illus NATO's Fifteen Nations 23:24-27 Special Issue '78

Ocean control: ASW, the Soviet view. Norman L. Stone. illus map tab Mil/Elect Countermeasures pt 1, 5:34-36+ Jun '79; pt 2, 5:32+ Jul '79

Ocean control: Soviet ASW technology. Jim Bussert. illus tabs Mil Elect/Countermeasures pt 1, 5:40+ Sep '79; pt 2, 5:43+ Nov '79

Ocean control: Soviet submarine warfare and ASW today. Norman L. Stone. illus tab Mil Elect/Countermeasures pt 1, 5:24+ Aug '79; pt 2, 5:50-52+ Sep '79

The planned destruction of the West. Patrick Wall. illus Sea Power 22:17-22 Nov '79

The potential battle of the Atlantic. RADM Sayre A. Swartrauber. illus maps tabs US Nav Inst Proc 105:108-125 May '79

The reinforcement of Europe. Gen Peter Whiteley. illus NATO's Fifteen Nations 24:20-24+ Aug-Sep '79

SEA POWER - ContinuedRussia - Cont'd

- Russia's struggle for maritime prestige during the era of navalism. Comdr Dieter Matthei. illus tab Nav War Col Rev 32:18-28 Sep-Oct '79
- Soviet naval policy in the Indian Ocean. LCDR William F. Hickman. US Nav Inst Proc 105:42-52 Aug '79
- The Soviet Navy. Capt J.E. Moore. illus NATO's Fifteen Nations 24:52-54+ Aug-Sep '79
- Soviet projection capabilities: A view from North of the border. C.G. Jacobsen. illus tab Nav War Col Rev 32:95-104 Mar-Apr '79
- Top British Admiral (Lord Hill-Norton) asserts: Global threat requires new global organization. John Slinkman. illus Sea Power 22:39-40 Nov '79

United States

- The beleaguered Navy. John T. Hayward. Govt Exec 11:12+ Jan '79
- The best ambassador: Rear Admiral Cotton and the cruise of the European Squadron, 1903. William J. Hourihan. illus Nav War Col Rev 32:63-72 Jul-Aug '79
- The changing context of American seapower. James A. Nathan and James K. Oliver. illus Nav War Col Rev 32:3-16 Feb '79
- Countering Soviet imperialism. Col Joseph E. Hopkins and LtCol William R. Warren. illus tab US Nav Inst Proc 105:58-65 Jun '79
- The future of U.S. sea power. ADM Thomas B. Hayward. illus US Nav Inst Proc 105:66-71 May '79
- Needed: An emergency shipbuilding program. RADM George H. Miller, Ret. illus Sea Power 22:28-32 Jul '79
- Total force. ADM Elmo R. Zumwalt, Jr., Ret. illus US Nav Inst Proc 105:88-107 May '79

Warsaw Pact

- The threat to northern Europe. R.D.M. Furlong. illus maps Intl Def Rev 12, No. 4:517-525 '79

SEA WARFARE see Naval WarfareSEABEES

- Diego Garcia construction update. Capt Lawrence K. Donovan. illus Mil Engr 71:404-405 Nov-Dec '79
- Diego Garcia: The Seabees at work. JO1C Kirby Harrison. illus map US Nav Inst Proc 105:53-61 Aug '79

SEALIFT

- The Military Sea-lift Command. John E. Moore. illus tab NATO's Fifteen Nations 24:36-37 Aug-Sep '79
- Reförger round trip. Frank Costa. illus Translog 10:15-16 Apr '79
- The reinforcement of Europe. Gen Peter Whiteley. illus NATO's Fifteen Nations 24:20-24+ Aug-Sep '79
- A sea-going giant counts candles. RADM Bruce Keener III. illus Translog 10:2-6 Oct '79

SEAPLANESHistory

- The Aeronavale, 1912-1962. Lee Boone Kennett, Jr. illus Aerosp Hist 26:238-244 Dec '79
- The flight. LCDR Albert C. Read. (Reprinted from a 1919 Curtiss Aeroplane and Motor Corp publication) illus Am Avn Hist Soc J 24:144-146 Summer '79
- Seadart--U.S. Navy XF2Y-1 and YF2Y-1 experimental supersonic seaplanes. B.J. Long. illus Am Avn Hist Soc J 24:2-12 Spring '79
- A seaplane built for two. CAPT Raphael Semmes, Ret. illus Aerosp Hist 26:102-107 Jun '79

SEARCH AND RESCUESee alsoPararescue

- Air crash search & rescue map improvement. Roderick G. Van Pelt. USA Avn Dig 25:16-18 May '79
- Air Reserves "rotate in" (and out of Howard AFB, CZ). illus Translog 10:6-8 Jan '79
- Another way to spell recce. LtCol Bob Park. illus Combat Crew 29:18-19 Aug '79
- Cope Thunder SAR ... a chance to test your skill. Capt William C. Vasser. illus TAC Attack 19:4-7 Jan '79
- A matter of life. (Air Force and CAP rescue units in Alaska) MSgt David B. Drachlis. illus Airman 23:38-44 May '79
- A matter of teamwork. 1stLt Gerald D. Hicks. illus MAC Flyer 26:9-11 Apr '79
- The Middle East: Flight safety and survival. Ronald P. Barrett. illus Aerosp Safety 35:20-24 Feb '79
- Oregon Army Guardsmen, diverted from routine training, locate and rescue a wounded hunter. illus Natl Guard 33:16-17 Feb '79
- SAREX '79. SSgt Mike Lorenz. illus Air Reservist 31:23 Aug-Sep '79
- Strategic air rescue. illus Combat Crew 29:20-21 Jun '79
- 243 MHZ (Mega-Hertz) beacons: Terrain and the downed flier. Capt M. Stopani-Thompson. (Reprinted from Flight Comment, No. 2, 1979) tabs Aerosp Safety 35:18-20 Oct '79
- Undine and the airman. Victor Hicken. illus Aerosp Hist 26:40-44 Mar '79

SEASICKNESS see Motion SicknessSEAT BELTS

- Doing it with restraint. Mike Byers. illus TAC Attack 19:24-27 Apr '79

SECURITY, INTERNATIONAL

- Alliance security issues: Today and tomorrow--the economic dimensions. Martin J. Hillenbrand. illus NATO's Fifteen Nations 24:122-124+ Oct-Nov '79

SECURITY, INTERNATIONAL - Continued

Carter's Defense experts advise his budget won't begin to meet President's own global security goals. Benjamin F. Schemmer. Armed Forces J Intl 116:8+ Jun '79

The implications of Sino-American normalization. Jonathan D. Pollack. Intl Sec 3:37-57 Spring '79

NATO long term planning: The challenge of the future to the Alliance. LtGen Lothar Domröse. illus tabs NATO's Fifteen Nations 24:114+ Oct-Nov '79

SECURITY, MILITARY

See also
Defense Investigative Service

Accountability versus control of secret documents. TIG Brief 31:21 Aug 3 '79

The Air Force physical security program. TIG Brief 31:3 Jun 1 '79

Audiovisual training programs: Security documentation requirements. TIG Brief 31:5 Apr 20 '79

Computer security--the Achilles' heel of the electronic Air Force? LtCol Roger R. Schell. illus tab AU Rev 30:16-33 Jan-Feb '79

Emergency destruction--a key to protection? TIG Brief 31:12 Dec 7 '79

Enforcement of the two-man concept. TIG Brief 31:8 Nov 16 '79

The Greeks had a word for it: OPSEC (Operations SECurity). Col Joseph A. Barry, Ret. illus Army 29:37-39 Jun '79

MX fiasco: Will it legislate a new market? Harry F. Eustace. Elect Warfare/Def Elect 11:33 Apr '79

The 'need-to-know' security. TIG Brief 31:3-4 Jun 1 '79

Plugging all the leaks: Your role when AFOSI identifies security hazards. TIG Brief 31:7 Sep 21 '79

Safe/security container syndrome. TIG Brief 31:4 Apr 20 '79

Sanctions in security violations cases. TIG Brief 31:3-4 Feb 23 '79

Security mission: Visit of Chinese leader to Texas was a challenge to "sky cops" of base security at ANG/Ellington (AFB). SSgt Bruce Zielsdorf. illus Natl Guard 33:22-23 Feb '79

Security violations: Cause and prevention. TIG Brief 31:3-4 Jun 15 '79

Stakeout at Alpha 5. (SAC uses 'camper alert teams' to maintain surveillance at missile sites) Capt Dick Sheffield. illus Airman 23:2-6 Dec '79

Thorough briefing defeats intelligence approach. TIG Brief 31:4 Nov 2 '79

SECURITY, NATIONAL

See also
National Security Agency
Security, International

SECURITY, NATIONAL - Continued

AFA: ICBM force No. 1 priority. AF Times 40:23 Oct 8 '79

America's battered spirit: Our security and foreign policy dilemma. James R. Bullington. illus Parameters 9:46-51 Mar '79

The challenge of M-X. LtGen Thomas P. Stafford. illus Signal 34:8-12 Sep '79

Combating terrorism in Federal Germany. Udo Philipp. illus Intl Def Rev 12, No. 6:999-1001 '79

Commitments, capabilities, and U.S. security policies in the 1980's. J. David Singer. illus Parameters 9:27-31 Jun '79

The continuing complexities of technology transfer. Maurice J. Mountain. Govt Exec 11:42+ Jan '79

Defense budget shortages. LtGen Ira C. Eaker, Ret. AF Times 40:13-14 Aug 27 '79

Detente, deterrence, and the dilemma of national security. Joe P. Dunn. illus AU Rev 30:61-66 Sep-Oct '79

The efficiency-effectiveness balance. (Presentation, Gulf Coast Chap, Air Force Assoc, Keesler AFB, MS, May 23, 1979) Gen B. L. Davis. AF Plcy Ltr for Comdrs: Sup No. 8:17-21 Aug '79

Exploiting American vulnerabilities. James A. Nathan. illus Nav War Col Rev 32:39-50 Jul-Aug '79

Interdependence, specialization, and national security: Problems for diplomats, soldiers, and scholars. Col William J. Taylor, Jr. illus tab AU Rev 30:17-26 Jul-Aug '79

The key security tasks of the 1980s. Walt W. Rostow. Intl Sec 4:180-188 Fall '79

Mexican petroleum and U.S. national security. Richard R. Fagen. Intl Sec 4:39-53 Summer '79

Military posture and national power--an overview. Gen David C. Jones. illus Signal 33:115-116+ May-Jun '79

Military Posture for FY 1980. (Overview, Senate Armed Services Committee, Jan 25, 1979) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No. 3:21-30 Mar '79

The NSA perspective on telecommunications protection in the nongovernmental sector. VADM B. R. Inman. illus Signal 33:6-9+ Mar '79

Our security in the next decade. (Presentation, Tucson, AZ, Chapter, Air Force Assoc, March 16, 1979) John A. Hewitt, Jr. AF Plcy Ltr for Comdrs: Sup No. 5:8-13 May '79

PGM's: How Congress and pundits are resisting a military revolution. C. W. Borklund. tabs illus Govt Exec 11:37+ Nov '79

Pentagon endorses Family of Weapons concept. Rudi Meller. illus tab Intl Def Rev 12, No. 5:702-703 '79

Pentagon's pressing priorities. LtGen Ira C. Eaker, Ret. Natl Def 64:22 Nov-Dec '79

Red presence in Cuba: The genesis of a crisis. Justin F. Gleichauf. illus Army 29:34-38 Nov '79

SECURITY, NATIONAL - Continued

SALT I leaks vs SALT II leaks. W. Donald Stewart. Armed Forces J Intl 116:27+ Jul '79

(The state of intelligence and foreign policy) (Banquet address, AFCEA Convention, Washington, June 20, 1979) ADM Stansfield Turner, Ret. illus Signal 33: 37-40 Aug '79

Study says some bases o'seas not needed. AF Times 39:16 Jun 11 '79

USAF's three top priorities. Hans M. Mark. illus AF Mag 62:66 Sep '79

U.S. defense priorities. Lloyd Norman. AEI For Plcy & Def Rev 1, No. 3:13-23 '79

U.S. national strategy: Outward bound ... with inadequate charts. (Prize Essay, 1979) RADM Robert J. Hanks, Ret. illus US Nav Inst Proc 105:30-35 Apr '79

Will SALT II survive in the U.S. Senate? Ramon Lopez. illus Intl Def Rev 12, No. 5:700-701 '79

SECURITY ASSISTANCE PROGRAM

See also
Military Assistance Program

Foreign military sales and grant aid--a new AFLC delivery reporting system. Norris L. Bayless. illus tab AF Compt 13:40-42 Apr '79

SECURITY CLASSIFICATION

Accountability versus control of secret documents. TIG Brief 31:21 Aug 3 '79

Administration and security. TIG Brief 31:21 Oct 5 '79

GAO report criticizes mail system blunders. AF Times 40:7 Aug 20 '79

GAO: Too many 'secret' papers. AF Times 39:17 Apr 2 '79

The Greeks had a word for it: OPSEC (OPerations SECurity). Col Joseph A. Barry, Ret. illus Army 29:37-39 Jun '79

Protecting privileged information. TIG Brief 31:6 Nov 2 '79

Sanctions in security violations cases. TIG Brief 31: 3-4 Feb 23 '79

Secret M-X data printed on one page of Senate report, deleted on another. Benjamin F. Schemmer. Armed Forces J Intl 116:16 Jul '79

(Sen Alan) Cranston: Declassify blast records--many vets 'have no chance to prove claims.' AF Times 39:27-28 Jun 18 '79

Too much is 'secret,' GAO says. AF Times 40:4 Nov 19 '79

Watch 'working papers.' TIG Brief 31:3 May 18 '79

SECURITY POLICE see Military PoliceSEGREGATION

See also
Blacks in the Armed Forces
Race Relations

SEIGNIOUS, George M., II

"The Soviets are tough negotiators." Interview. LtGen George M. Seignious II. por Armed Forces J Intl 116:34-40 Aug '79

SEITH, Louis T.

New AFAS boss (Gen Louis T. Seith) seeks to improve the image. Bruce Callander. AF Times 39:10 Apr 30 '79

SELECTED RESERVE FORCE

Stormy period to begin (again) on SR strength. RADM John B. Johnson. Officer 55:13 Feb '79

SEMI-AUTOMATIC GROUND ENVIRONMENT see SageSEMICONDUCTOR DEVICES

Analyzing and correcting system microelectronics failures. Ed Doyle, Jr. illus Def Mgt J 15:22-25 May-Jun '79

CCD (Charge-Coupled Device): The ultimate shift register. illus Elect Warfare/Def Elect 11:51-56 Feb '79

Defense microelectronics. Regular feature in Defense Electronics

Integrated circuit architectural details revealed. Jim Martin. illus Def Elect 11:86-90+ Dec '79

JJ's (Josephson Junctions): Are they military technology? George E. Avery. illus Mil Elect/Countermeasures pt 1, 5:81-85 Sep '79; pt 2, 5:44+ Oct '79

Japanese-U.S. semiconductor trade: A U.S. view. illus Mil Elect/Countermeasures 5:17 Jan '79

Manchester terminal unit in CMOS LSI. illus Mil Elect/Countermeasures 5:42+ Apr '79

Rockwell reveals its approach to DOD VHSIC program. illus Def Elect 11:73-74+ Dec '79

Semiconductor focus. Regular feature in issues of Defense Electronics

Submicron technology opens new doors. illus tabs Elect Warfare/Def Elect 11:70-72 Mar '79

Super sensitive CCD. illus tabs Elect Warfare/Def Elect 11:56-57 Feb '79

SENIOR SERVICE SCHOOLS see Staff CollegesSENSORS

CCD (Charge-Coupled Device): The ultimate shift register. illus Elect Warfare/Def Elect 11:51-56 Feb '79

Combat information: The key force multiplier. CDR Richard E. Pearsall and LtCol Richard C. Wheeler. illus Signal 34:45-47 Oct '79

SENSORS - Continued

Countering the crew-compartment explosion--an automatic fire suppression system from Hughes. R.J.L. Dicker. illus tab Intl Def Rev 12, No.5:816-818 '79

ISTA (Intelligence, Surveillance, and Target Acquisition) in the 80s--the Army concept. MajGen Fred K. Mahaffey. illus Signal 34:39-42 Oct '79

(New night attack system, Target Recognition and Attack Multi-sensor--TRAM) illus Signal 33:180 May-Jun '79

The people sensors. illus Def & For Aff Dig 7, No.11:42 '79

REMBASS (REmotely Monitored BATTLEfield Sensor System) to expand tactical commanders' capabilities. illus Def Elect 11:31+ Jun '79

Speed in modern warships. Norman Friedman. illus US Nav Inst Proc 105:150-167 May '79

Staring IR sensors. Donal B. Lloyd. illus tabs Mil Elect/Countermeasures pt 1, 5:58+ Nov '79; pt 2, 5:32+ Dec '79

Super sensitive CCD. illus tabs Elect Warfare/Def Elect 11:56-57 Feb '79

TEREC--the USAF's Tactical Electronic REConnaisance system. Gowri S. Sundaram. illus Intl Def Rev 12, No.1:118-120 '79

Tac recce developments: New plane, sensors, RPVs needed. illus tab Armed Forces J Intl 116:36+ Jul '79

SEPARATION FROM MILITARY SERVICE see Discharges, Releases, and Separations

SERVICE, NATIONAL see National Service

SERVICE SCHOOLS see Staff Colleges

SERVICE WOMEN see Women in the Armed Forces

SERVICEMEN, DISABLED

See also
Veterans, Disabled

SERVICEMEN'S CLUBS

What about the club? Maj Barry D. Guyse. tabs illus AU Rev 30:74-80 Jan-Feb '79

SEX

AF, Navy clarify policy on homosexual ousters. AF Times 40:6 Oct 8 '79

SEXTANTS

(New space navigation instrument--space sextant) illus Signal 33:190 May-Jun '79

SHARP, Ulysses S. G., Jr

Admiral Sharp's "Strategy for Defeat: Vietnam in Retrospect." Robert L. Kerby. por Aerosp Hist 26:267-269 Dec '79

SHEAR, Harold E.

The southern flank of NATO. ADM Harold E. Shear. por NATO's Fifteen Nations 23:17-20 Dec '78-Jan '79

SHELTERS

Soviet field shelters. Marjorie O. Smith. illus Army Log 11:20-22 Jan-Feb '79

SHIELDS, William L., Jr

SAC assumes operational management for space surveillance and missile warning resources. BrigGen William L. Shields, Jr. por Combat Crew 29:20-21 Dec '79

SHIPBUILDING

An advanced technology minehunter from Italy. Michael S.K. Trimming. illus tabs Intl Def Rev 12, No.2:215-218 '79

Bring back the (Construction) Corps. RADM Philip W. Snyder, Ret. illus US Nav Inst Proc 105:48-55 Feb '79

Britain's new Type 24 multi-purpose frigate. R.W.S. Easton. illus tabs Intl Def Rev 12, No.6:1021-1025 '79

The British shipbuilding industry. Christian Eliot. illus NATO's Fifteen Nations 24:82-84+ Aug-Sep '79

'Cargo moves ships': Action at last on the maritime front. L. Edgar Prina. illus Sea Power 22:27-30 Sep '79

FY 1980 budget report: The NATO scenario continues. James D. Hessman and Ellen D. Bottiny. illus tabs Sea Power 22:18-21+ Feb '79

GRP sandwich: A new shipbuilding material from Sweden. R.J.L. Dicker. illus Intl Def Rev 12, No.2:213-214 '79

How the Navy is tapping management potential. John Walker Hartigan. illus Def Mgt J 15:28-33 Jul-Aug '79

Lindy Boggs: A message of hope from the Shipyard Coalition. L. Edgar Prina. illus Sea Power 22:17-20 Jan '79

MEKO ships from Blohm & Voss: The beginning of a new era in warship construction? Rudi Meller. illus tabs Intl Def Rev 12, No.5:730-736 '79

Needed: An emergency shipbuilding program. RADM George H. Miller, Ret. illus Sea Power 22:28-32 Jul '79

One year later: Shipbuilding back on track. L. Edgar Prina. illus Sea Power 22:15-18 Jul '79

(RADM) Andrew Irwin McKee, naval constructor. CDR John D. Alden, Ret. illus US Nav Inst Proc 105:49-57 Jun '79

The Royal Navy's new mine countermeasures vessel. R.B. Pengelley. illus tab Intl Def Rev 12, No.1:83-88 '79

SDMS and Udicon--two shipboard data communications systems. Gowri S. Sundaram. illus Intl Def Rev 12, No.3:377-379 '79

SHIPBUILDING - Continued

Tomorrow's fleet. CDR John D. Alden, Ret. illus tabs
US Nav Inst Proc 105:115-123 Jan '79

The Vosper 62-m high-speed corvette. Brian Morrison. illus tabs Intl Def Rev 12, No.3:380-382 '79

Statistics

The United States Navy shipbuilding program. tabs
illus Def Monitor 8: entire issue May '79

SHIPPING

Atlantic Council cites 'strategic challenge' posed by
Soviet Merchant Marine. L. Edgar Prina. illus
tab Sea Power 22:47-51 Oct '79

"There'll always be an England." Robert F. Waldman.
illus Translog 10:3-5 May '79

Costs

Cost of shipping HH goods o'seas on rise (GAO). AF
Times 40:31 Oct 15 '79

Laws and Regulations

A common-sense approach to liner shipping policy.
(Report, 16th Annual NDTA Transportation Conference,
Stuttgart, Ger, April 25, 1979) Karl E. Bakke. Def Trans J 35:25-29 Jun '79

Communist Bloc

"What ship? Where bound?" An investigation of Communist
use of 'Flags of convenience.' Charles N. Dragonette. illus Sea Power 22:33-36 Jul '79

NATO

Arapaho gives wings to the convoy. David Harvey.
illus Def & For Aff Dig 7, No.12:28-29+ '79

Siberia

River fleet helps to develop Siberia. Leonid Korenev.
illus Def Trans J 35:29-31 Dec '79

United States

'Cargo moves ships': Action at last on the maritime
front. L. Edgar Prina. illus Sea Power 22:27-30
Sep '79

Maritime roundup: The withered 'fourth arm of defense.'
L. Edgar Prina. illus Sea Power 22:15-18
May '79

Multimodal transportation companies: The case for
rail-ocean shipping combinations. Clinton H. Whitehurst, Jr. Def Trans J 35:5-6+ Jun '79

U.S. oil sea routes and minor naval powers. Milan Vego. illus tabs map Def & For Aff Dig 7, No.8:
12-15+ '79

Laws and Regulations

Rethinking regulatory goals. illus Translog 10:6-7
May '79

SHIPS

See also specific types of ships, e.g.,
Icebreakers Patrol Boats
Landing Craft Tankers
Oilers (Ships) Warships

Armament

A sea-based interdiction system for power projection. Charles E. Myers, Jr. illus tabs US Nav Inst
Proc 105:103-106 Nov '79

Design

MEKO ships from Blohm & Voss: The beginning of a
new era in warship construction? Rudi Meller.
illus tabs Intl Def Rev 12, No.5:730-736 '79

SKU (Subsidized Keel Up) requires stronger gray hull
combatant building program. RADM John B. Johnson. illus Officer 55:13 Sep '79

Technology and warship design: Capturing the benefits. CAPT W.F. Fahey. illus Nav War Col Rev
31:41-48 Winter '79; Comment. Nav War Col Rev
32:85-92 Sep-Oct '79

Warships should look warlike. LT John Charles Roach and Herbert A. Meier. illus US Nav Inst
Proc 105:66-76 Jun '79

Loading and Unloading

Cassandra on the beach. Capt Bruce P. Schoch. illus
tabs Army Log 11:20-23 Jul-Aug '79

Maintenance and Repair

Electrochemical protection of a ship's hull. Capt
Yu. Grudin. illus Soviet Mil Rev No.5:26-27
May '79

Mooring

Alongside mooring. Capt A. Markov. illus Soviet Mil
Rev No.9:22-23 Sep '79

Safety Measures

Electric safety on a ship. Capt Yu. Grudin. illus Soviet Mil Rev No.2:22-23 Feb '79

Russia

Soviet naval buildup continues at flank speed. L. Edgar Prina. illus Sea Power 22:36-37 Feb '79

The Soviet Navy. Capt J.E. Moore. illus NATO's Fifteen Nations 24:52-54+ Aug-Sep '79

Siberia

River fleet helps to develop Siberia. Leonid Korenev. illus Def Trans J 35:29-31 Dec '79

United States

First class passage--the military was different then and so was the trip home. Andy Plattner. illus AF Times, Times Magazine sup:12-15 Aug 13 '79

Sea services. Regular feature in issues of National Defense beginning with November-December 1979

SHIPS - ContinuedUnited States - Cont'd

Tomorrow's fleet. CDR John D. Alden, Ret. illus tabs
US Nav Inst Proc 105:115-123 Jan '79

Statistics

The United States Navy shipbuilding program. tabs
illus Def Monitor 8: entire issue May '79

SHIPS, AUXILIARY see Auxiliary Ships

SHIPS, CARGO see Ships, Transport

SHIPS, CONTAINER see Ships, Transport

SHIPS, NUCLEAR POWEREDSee also

Aircraft Carriers, Nuclear Powered
Submarines, Nuclear Powered

SHIPS, TRANSPORT

United Kingdom ports--waiting for the recession to
end. John Reed Manobier. map illus Def Trans J
35:27-30+ Apr '79

Russia

Container fleet of the USSR. Isaac Grabarnik. illus
tabs Def Trans J 35:30-34+ Jun '79

United States

Arapaho gives wings to the convoy. David Harvey.
illus Def & For Aff Dig 7, No.12:28-29+ '79

The Military Sea-lift Command. John E. Moore. illus
tab NATO's Fifteen Nations 24:36-37 Aug-Sep '79

A new look at Arapaho--an idea whose time has
come? James J. Mulquin. Sea Power 22:23-29
May '79

SHIP'S STORES see Exchanges--Navy

SHIPYARDS see Shipbuilding

SHOEMAKER, Robert M.

With clear missions, definite objectives. Gen Robert
M. Shoemaker. por Army 29:39-42 Oct '79

SHORE PATROL see Military Police

SHORT TAKEOFF AND LANDING see Airplanes, V/STOL

SIBERIA

Siberia's power resources. (Interview with Andrei
Alexeyevich Trofimuk) illus Soviet Mil Rev No.6:
10-13 Jun '79

SIGHTSee also

Eyes

Night work. Capt Pete O'Day. illus TAC Attack 19:
10-12 Nov '79

SIGNAL CORPS

Signaling the future. SP5 Lana Ott. illus Soldiers 34:
11-14 Jun '79

SIGNALS AND SIGNALING

Signaling the future. SP5 Lana Ott. illus Soldiers 34:
11-14 Jun '79

SIMONS, Arthur D.

Requiem for a warrior: Col Arthur D. "Bull" Simons
(1918-1979). Benjamin F. Schemmer. (Expanded
from Soldier of Fortune, Oct 1979) por Armed
Forces J Intl 117:44-46 Nov '79

SIMULATION METHODS

AGES (Air Ground Engagement Simulation)--realistic
training for air defenders. Donald E. Erwin and
Earl S. Stein. illus tabs Air Def Mag, pp 11-16,
Jul-Sep '79

Acquiring new values in military bureaucracies: A
preliminary model. Richard A. Gabriel. illus J Pol
& Mil Sociol 7:89-102 Spring '79

Battle simulation. Capt William J. Higgins. illus
Infantry 69:28-30 May-Jun '79

Combined Arms Simulations Center. Marie B. Edger-
ton. illus Infantry 69:20-23 Nov-Dec '79

Electronic warfare simulation--the cost-effective way
to train operators and test equipment. Gowri S.
Sundaram. illus Intl Def Rev 12, No.8:1391-
1395 '79

Field deployable simulation adds training realism.
Harold D. Burns. illus Def Elect 11:70+ Jun '79

Flamoke's no fluke. (Miniature base simulates fire
emergencies for training firefighters) illus Air-
man 23:29-30 Apr '79

In the dark of day. (Light-Attenuation Devices (LADs)
for simulating night illumination conditions) Paul
R. Bleda and Col Anthony Labrozzi. illus Infantry
69:32-34 Mar-Apr '79

J-CATCH (Joint Countering ATtack Helicopters).
Capt Joe Vallimont. illus TAC Attack 19:24-28
Mar '79

Man/machine interface in EW simulation. David L.
Adamy. illus Elect Warfare/Def Elect 11:71-72+
Jan '79

Manning USAF aircraft maintenance using a simula-
tion model. LtCol Gerald G. Thompson, Ret and
Capt Richard E. Ducharme, Ret. illus tab Log
Spectrum 13:11-18 Summer '79

Night training simulations. Paul R. Bleda and Robert
W. Bauer. tabs illus Armor 88:39-42 May-Jun '79

The real world of make believe--simulation's role in
national preparedness. David Harvey. illus Def &
For Aff Dig 7, No.7:10-11+ '79

The simulator game. Lt Phil Harris. illus TAC At-
tack 19:26-27 Aug '79

Simulators in weapon training--some proposals from
Giravions Dorand, P. de Guillenschmidt. illus Intl
Def Rev 12, No.7:1227-1232 '79

SIMULATORS

See also
Flight Simulators

The Castle (AFB, CA) story: Making of a crewmember. Capt Ronald S. Bartlett. illus Combat Crew 29:4-7+ Feb '79

\$\$ would aid SRAM skills. AF Times 39:36 Mar 5 '79

The Domsday Game. (USAFA professors explain the energy crisis with an electronic game) Robert K. Ruhl. illus Airman 23:12-14 Feb '79

ELSAP 2000: A turret simulator for tank-crew training. Maj E. Stettler. illus tab Intl Def Rev 12, No.3:406-410 '79

Electronic warfare simulation--the cost-effective way to train operators and test equipment. Gowri S. Sundaram. illus Intl Def Rev 12, No.8:1391-1395 '79

NEETS: The Naval Electronic Environment Training System. illus Mil Elect/Countermeasures 5:54-56 Oct '79

The nuclear weapon simulator: Is it the real thing? TIG Brief 31:19 Jun 15 '79

One for the boomers. (A KC-135 refueling pod simulator trains refuelers at Castle AFB, CA) Capt Dick Sheffield. illus Airman 23:2-6 Aug '79

The real world of make believe--simulation's role in national preparedness. David Harvey. illus Def & For Aff Dig 7, No.7:10-11+ '79

The simulator game. Lt Phil Harris. illus TAC Attack 19:26-27 Aug '79

Simulators in weapon training--some proposals from Giravions Dorand. P.de Guillenschmidt. illus Intl Def Rev 12, No.7:1227-1232 '79

SINGLAUB, John K.

MajGen John K. Singlaub: Called home for criticizing the President, the retired two-star is still up in arms. por AF Times, Times Magazine sup:18-20 Aug 13 '79

SINGLE MANAGER SYSTEM

ATC facilities: The new look. Albert Ayo, Jr. illus USA Avn Dig 25:14-15 May '79

Army ordered to move on joint postal idea. AF Times 39:36 Jun 18 '79

Defence logistics management: Centralise, rationalise or leave alone? An American view. LtGen W.W. Vaughan. RUSI J for Def Studies 123:11-17 Dec '78

Defense wants Army to run mail system. AF Times 39:8 Jan 15 '79

Joint comstore agency asked. AF Times 39:31 Jun 4 '79

New AV agency: Services lose some say. AF Times 39:2 Jul 2 '79

SKANTZE, Lawrence A.

Aeronautical systems for the eighties. (Presentation, California State Convention, Air Force Assoc, Norton AFB, CA, May 18, 1979) LtGen Lawrence A. Skantze. AF Plcy Ltr for Comdrs: Sup No.8: 29-37 Aug '79

Electronic warfare initiatives. LtGen Lawrence A. Skantze. por AF Mag 62:77-82 Jul '79

SLAY, Alton D.

AFSC: Giving up on tooth faeries. Interview. Gen Alton Slay. por Govt Exec 11:14+ Oct '79

Air Force Systems Command. por AF Mag 62:72-73 May '79

(Air Force Systems Command) Interview. Gen Alton D. Slay. por Mil Elect/Countermeasures 5:15-16+ Aug '79

Electronic warfare integration & planning. Gen Alton D. Slay. Signal 33:16+ Mar '79

Paying for new technology. (Remarks, Air Force Assoc National Symposium, Los Angeles, Oct 27, 1978) Gen Alton D. Slay. AF Plcy Ltr for Comdrs: Sup No.2:2-9 Feb '79

SLEDS, ROCKET see Rocket SledsSLEEP

Continuous operations in Europe: Feasibility and the effects of leadership and training. Frederick J. Manning. Parameters 9:8-17 Sep '79

Health and high command: Stress, sleep and climate change. (Report of a seminar, RUSI, Nov 29, 1978) Brig Harry Pozner, Ret and others. RUSI J for Def Studies 124:18-28 Jun '79

Sleep loss--a debt that must be paid. Capt Richard P. Geier. illus Armor 88:37-38 Jan-Feb '79

The 24-hour cycle and nocturnal depression of human cardiac output. J.C. Miller and M. Helander. tabs Aviation, Space & Envmt Med 50:1139-1144 Nov '79

SMALL ARMSSee also

Pistols
Rifles

On the firing line. Regular feature in issues of National Defense beginning with July-August 1979

Small arms: Biting the bullet. John Fullerton. illus Def & For Aff Dig 7, No.1:29-31 '79

Small-caliber ammunition: The way of the future for NATO. Maj M.N. Geoffrey Hutton. illus tabs Mil Rev 59:26-33 Oct '79

Maintenance and Repair

Lock, stock and barrel. (Air Force gunsmiths support security police shooters) Capt Katie Cutler. illus Airman 23:47-48 Feb '79

Testing

NATO evaluation of small arms: Ammunition and weapons for the post-1980 period. Edward C. Ezell. illus tabs Intl Def Rev 12, No.8:1367-1372 '79

SMALL BUSINESS

Disadvantaged firms: Good, bad, ugly and the dollars. (A critique of small business contracting) Jean M. Skorupski. Govt Exec 11:14+ Jan '79

SMITH, Homer D., Jr

Logistics challenges in the eighties. MajGen Homer D. Smith. Army Log 11:18-21 Sep-Oct '79

SMOKE

Is smoke really obsolete? David E. Windmiller. illus Mil Rev 59:56-59 Jun '79

Marines, smoke, burning tanks. Capt Gary W. Anderson. illus MarCor Gaz 63:20-21 Oct '79

Smoke as a suppressive fire? David Syrett. illus Mil Rev 59:33-35 Feb '79

SMOKING

Greatest health risk (tobacco). Col Richard B. Byrd. AF Times 40:51 Dec 10 '79

Problems to anticipate with the growth of marijuana smoking. Hardin B. Jones. illus Aerosp Safety 35: 18-24 May '79; TAC Attack 19:18-22 Nov '79

Smoking--a hazard for aircrews. Maj Thomas E. Bronson. illus tab AU Rev 30:66-73 May-Jun '79

SMUGGLING see Customs ServiceSNIPERS

Army tests candidate sniper rifles. L. F. Moore. illus tabs Natl Def 64:52-55 Nov-Dec '79

SNOW REMOVAL

Interservice support agreements and mishap prevention. TIG Brief 31:6 Jul 2 '79

SNOW VEHICLES

The Bv 206 oversnow vehicle. illus tab Intl Def Rev 12, No. 8:1424-1425 '79

SNOWMOBILES see Snow VehiclesSNYDER, Philip W.

Bring back the (Construction) Corps. RADM Philip W. Snyder, Ret. por US Nav Inst Proc 105:48-55 Feb '79

SOARING see Gliding and SoaringSOCIAL CHANGE

Acquiring new values in military bureaucracies: A preliminary model. Richard A. Gabriel. illus J Pol & Mil Sociol 7:89-102 Spring '79

(Coping with change) (Sustaining members' luncheon address, AFCEA Convention, Washington, June 20, 1979) Walter B. LaBerge. illus Signal 33:27-29 Aug '79

Iranian defense expenditures and the social crisis. Theodore H. Moran. Intl Sec 3:178-192 Winter '78-'79

SOCIAL CHANGE - Continued

On standards, manners and national strength. John Patrick Walsh. illus Strat Rev 7:42-48 Winter '79

SOCIAL PROBLEMS AND THE MILITARY

The alienated soldier: Legacy of our society. Maj Stephen D. Westbrook. illus Army 29:18-23 Dec '79

Inequality in the military: Implications for organizations, occupational mobility and social stratification. Jon Miller and H. Edward Ransford. tabs J Pol & Mil Sociol 6:65-74; Comment. John Sibley Butler. 6:75-77; Reply. Jon Miller and H. Edward Ransford. 6:79 Spring '78

The influence of military service on the civilian earnings patterns of Blacks, Mexican Americans, and Anglos. Dudley L. Poston, Jr. tabs J Pol & Mil Sociol 7:71-88 Spring '79

SOCIAL SECURITY

'Free' SS credits bother GAO. AF Times 40:12 Aug 27 '79

Military lobbyists divided over SBP. Andy Plattner. AF Times 40:3 Dec 24 '79

Report asks SS for government. AF Times 40:4 Dec 24 '79

Services united against Social Security offset. Randy Shoemaker. AF Times 39:3 Mar 19 '79

Social security: Carter sees way to axe wage credits. AF Times 40:13 Aug 6 '79

SOCIALIST REPUBLIC OF VIETNAM see Vietnam (Socialist Republic)SOCIETY OF LOGISTICS ENGINEERS

The Annals of the Society of Logistics Engineers. Regular feature in some issues of Logistics Spectrum

SOCIOLOGY

Matching our military character with our contemporary culture. MajGen R. C. Schulze. illus MarCor Gaz 63:43-48 Sep '79

SOLAR ENERGYSee also

Satellites, Artificial--Solar Energy Applications

DOE: Micrometer measured leaps. David Hoffman. Govt Exec 11:31-33 Aug '79

Family saves \$\$ in solar house (at Langley AFB, VA). AF Times 40:24 Dec 24 '79

Is an energy policy possible? Harry H. Wetzel. Govt Exec 11:25+ Nov '79

Solar photovoltaic power station activated. illus Signal 34:84 Oct '79

Solar power and the future in space. Clarke Covington. tabs illus RUSI J for Def Studies 124:12-21 Mar '79

SOLDIERSHistory

Foot soldiers of the German Empire. John Koster. illus Infantry 69:35-40 May-Jun '79

United States

The alienated soldier: Legacy of our society. Maj Stephen D. Westbrook. illus Army 29:18-23 Dec '79

EPMS (Enlisted Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest

Enlisted career news. Regular feature in issues of Air Defense Magazine

Enlisted career notes. Regular feature in issues of Infantry

Fulfilling mission means being ready to fight anytime, anywhere. Gen Edward C. Meyer. illus Army 29: 18-21 Oct '79

OPMD-EPMD armor. Regular feature in issues of Armor

Opening the doors to promotion. SGM Bruce N. Bant. illus tab Soldiers 34:28-31 Dec '79

Self-selection and career orientation among enlisted U.S. Army paratroopers: A research note. William C. Cockerham. tabs J Pol & Mil Sociol 6: 249-259 Fall '78

The soldier remains our ultimate weapon. SMA William A. Connelly. illus Army 29:23-24 Oct '79

History

Indian scouts. Philip R. Smith, Jr. illus Soldiers 34: 21-22 May '79

SOLDIERS' AND SAILORS' CIVIL RELIEF ACT

Effort aimed at ending military tax protection. Tom Philpott and Douglas Farquhar. AF Times 39:21 Jan 22 '79

SOMALIA

Realignment in the Horn: The Soviet advantage. Steven David. Intl Sec 4:69-90 Fall '79

Foreign RelationsRussia

Soviet military presence abroad: The lessons of Somalia. Capt Gary D. Payton. illus Mil Rev 59:67-77 Jan '79

SONAR

European naval helicopter requirements and some current solutions. illus tab Intl Def Rev 12, No. 4:562-567 '79

Surface warships against submarines. CAPT William D. Taylor, Ret. illus US Nav Inst Proc 105:168-181 May '79

SONIC BOOM

Superboom. Thomas M. Weeks. illus TAC Attack 19: 26-29 Jul '79

SOUND RECORDING AND REPRODUCING

Proper use of sound recordings. TIG Brief 31:3 Feb 23 '79

Recording music: Is it legal? TIG Brief 31:17 Mar 9 '79

SOUTH AFRICA (REPUBLIC)

Political, economic, and security changes in Botswana, Namibia, and South Africa, 1966-79. Richard Dale. illus map Parameters 9:56-69 Sep '79

Riot control in South Africa. Helmut Romer Heitman. Army Qtr 108:314-318 Jul '78

South Africa: Prime objective of Soviet imperialism. Present method of attack--psychological war. tab illus map Officer 55:18-19 Apr '79

Foreign Policy

A diplomatic bomb for South Africa? Richard K. Betts. tab Intl Sec 4:91-115 Fall '79

SOUTHERN COMMANDSee also

Air Force Southern Air Division (TAC)

SOVIET UNION see RussiaSPACECommercial Applications

The space program and its benefits--past, present and future. Sen John Glenn. illus Signal 34:15-17 Nov-Dec '79

International Aspects

Space medicine: The effect of international cooperation. Nikolai Gurovsky and Valentin Voronin. Aviation, Space & Envmt Med 50:964-965 Sep '79

Military Applications

A legal regime for space activities. (Remarks, American Astronautical Society, Houston, TX, Oct 31, 1978) MajGen Walter D. Reed. AF Plcy Ltr for Comdrs: Sup No. 1:9-15 Jan '79

Soviet military space systems. Charles S. Sheldon II. illus Natl Def 64:44-47+ Nov-Dec '79

USAF space operations. LtGen Thomas P. Stafford, Ret. illus Natl Def 64:40-43+ Nov-Dec '79

Scientific ApplicationsSee also

Satellites, Artificial--Scientific Uses

The space program and its benefits--past, present and future. Sen John Glenn. illus Signal 34:15-17 Nov-Dec '79

Why are we in space? Neil P. Ruzic. illus AU Rev 31:34-48 Nov-Dec '79

SPACE AND MISSILE SYSTEMS ORGANIZATION

The future of the strategic deterrent. (Presentation, Air Force Assoc, Los Angeles, Aug 3, 1979) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup No. 10:2-7 Oct '79

SPACE AND MISSILE SYSTEMS ORGANIZATION - Continued

Important issues. (Presentation, Los Angeles Chamber of Commerce, March 16, 1979) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No. 5:2-7 May '79

SAMSO: A look ahead. LtGen Richard C. Henry. illus AF Mag 62:52-55 Aug '79

SAMSO: A status report. Edgar Ulsamer. illus AF Mag 62:56-63 Aug '79

SAMSO and the future strategic deterrent. Hans Mark. illus AF Mag 62:39-43 Aug '79

SAMSO charts future in space. illus Def Elect 11:43-44+ Nov '79

SAMSO: DOD's executive agent for the Space Transportation System. Capt Thomas M. Hargrove. illus Signal 33:22-25 Feb '79

Unit (Space Service Division, AFSC) will take over SAMSO on 1 Oct. AF Times 40:30 Aug 20 '79

History

SAMSO: A family tree. illus chart AF Mag 62:50-51 Aug '79

SAMSO: A look back. illus AF Mag 62:44-48 Aug '79

SPACE BIOLOGY

Stereological ultrastructural analysis of the axonal endings in the neuromuscular junction of rats after a flight on Biosputnik 782. S. Barański and M. Marciniak. tab illus Aviation, Space & Envmt Med 50:14-17 Jan '79

SPACE CLOTHING

See also
Pressure Suits

SPACE COMMUNICATIONS

See also
Satellites, Artificial--Communication Applications

Spacelab payload--data acquisition and communications. O.C. Jean and J.M. Rives. illus (Also cut-away) Signal 33:34-38 Feb '79

SPACE CREWS

See also
Astronauts

SPACE DEBRIS

Amount of space 'junk' has dropped since '77. AF Times 39:26 Jan 29 '79

SPACE DEFENSE CENTER

Amount of space 'junk' has dropped since '77. AF Times 39:26 Jan 29 '79

SPACE DEFENSES

Command of space. Maj E.M. Fitzgerald. Army Qtr 108:167-176 Apr '78

SPACE DEFENSES - Continued

SAMSO and the future strategic deterrent. Hans Mark. illus AF Mag 62:39-43 Aug '79

SPACE DETECTION AND TRACKING SYSTEM

Night watch at St Margarets. (Unit in Canada uses sensitive equipment to track satellites for NORAD) Capt Dick Sheffield. illus Airman 23:30-35 Jun '79

SPACE FEEDING

Caloric and exercise requirements of space flight: Biostereometric results from Skylab. Michael W. Whittle. tabs Aviation, Space & Envmt Med 50:163-167 Feb '79

SPACE FLIGHT

See also
Space Vehicles

Missiles and astronautics. Regular feature in some issues of National Defense

A reflective review of man's venture into space. (Louis H. Bauer Lecture) James A. Lovell, Jr. Aviation, Space & Envmt Med 50:63-67 Jan '79

SAMSO charts future in space. illus Def Elect 11:43-44+ Nov '79

Why are we in space? Neil P. Ruzic. illus AU Rev 31:34-48 Nov-Dec '79

Commercial Applications
See Space--Commercial Applications

Manned Flights, American

See also specific manned projects by name,
e.g.,
Space Project--Apollo
Space Project--Skylab

Manned Flights, Russian

One hundred and forty-day space vigil. illus Soviet Mil Rev No. 1:30-31 Jan '79

Outstanding success in space research. illus Soviet Mil Rev No. 10:56 Oct '79

Physiological Aspects

See also
Bioastronautics
Weightlessness

Cardiovascular regulatory response to lower body negative pressure following blood volume loss. Masashi Shimizu and others. illus tabs Aviation, Space & Envmt Med 50:24-33 Jan '79

Central and cerebral hemodynamics and metabolism of the healthy man during head-down tilting. V.E. Katkov and others. tabs illus Aviation, Space & Envmt Med 50:147-153 Feb '79

Prevention and treatment of space sickness in shuttle-orbiter missions. Ashton Graybiel. tabs Aviation, Space & Envmt Med 50:171-176 Feb '79

SPACE FLIGHT - ContinuedPhysiological Aspects - Cont'd

Rotation at 30 rpm about the z axis after 6 hours in the 10° head-down position: Effect on susceptibility to motion sickness. Ashton Graybiel and James R. Lackner. tabs Aviation, Space & Envmt Med 50:390-392 Apr '79

Ruptured arteriovenous anomaly in a former woman astronaut candidate. Richard C. Schneider and others. illus tabs Aviation, Space & Envmt Med 50:182-186 Feb '79

Stereological ultrastructural analysis of the axonal endings in the neuromuscular junction of rats after a flight on Biosputnik 782. S. Baranski and M. Marciniak. tab illus Aviation, Space & Envmt Med 50:14-17 Jan '79

Ultrasonic investigations of the soleus muscle after space flight on the Biosputnik 936. S. Baranski and others. illus tabs Aviation, Space & Envmt Med 50:930-934 Sep '79

SPACE FLIGHT TO THE MOON

See also
Space Project--Apollo

SPACE FLIGHT TO VENUS

Soviet probes explore Venus. Leonid Ksanfomaliti. Aviation, Space & Envmt Med 50:847-848 Aug '79

SPACE INDUSTRY AND TRADE see Aerospace Industry and TradeSPACE LABORATORIES see Space StationsSPACE MEDICINE

See also
Space Flight--Physiological Aspects

The Space Medicine Branch of the Aerospace Medical Association. Harald J. von Beckh. tabs Aviation, Space & Envmt Med 50:513-516 May '79

Space medicine: The effect of international cooperation. Nikolai Gurovsky and Valentin Voronin. Aviation, Space & Envmt Med 50:964-965 Sep '79

SPACE NAVIGATION

See also
Satellites, Artificial--Navigation Applications

(New space navigation instrument--space sextant)
illus Signal 33:190 May-Jun '79

SPACE PHOTOGRAPHY see Photography, SpaceSPACE POLICYRussia

Soviet space activities in 1978. Charles S. Sheldon II. illus tabs AF Mag 62:82-87 Mar '79

United States

Diminishing space program. LtGen Ira C. Eaker, Ret. AF Times 39:15-16 Feb 26 '79

SPACE POLICY - ContinuedUnited States - Cont'd

A new era in space. Adlai E. Stevenson. tab illus Signal 33:17-20 Feb '79

SPACE PROGRAMS

Aerospace review. Regular feature in issues of Aerospace International

Aerospace world. Regular feature in issues of Air Force Magazine

Space science of the eighties. Theo Pirard. illus Aerosp Intl 15:26-28+ Feb-Mar '79

The world of aerospace. Regular feature in issues of Interavia

Europe, Western

Ariane ready to go. Chris Bulloch. illus tab Interavia 34:1073-1076 Nov '79

European space programs--an industrial plea for integrated effort. illus Interavia 34:785 Aug '79

Spacelab problems: Real but manageable, says ESA. Interavia 34:376-377 May '79

Towards a European space transport system? illus Interavia 34:1089 Nov '79

Russia

Defense technology: Moving into space. Edgar Ulsamer. AF Mag 62:46-51 Jun '79

Soviet military space systems. Charles S. Sheldon II. illus Natl Def 64:44-47+ Nov-Dec '79

Soviet probes explore Venus. Leonid Ksanfomaliti. Aviation, Space & Envmt Med 50:847-848 Aug '79

Soviet space activities in 1978. Charles S. Sheldon II. illus tabs AF Mag 62:82-87 Mar '79

Space launchings in 1978. Vitaly Sevastyanov. illus Soviet Mil Rev No. 3:2-6 Mar '79

United States

Defense technology: Moving into space. Edgar Ulsamer. AF Mag 62:46-51 Jun '79

A legal regime for space activities. (Remarks, American Astronautical Society, Houston, TX, Oct 31, 1978) MajGen Walter D. Reed. AF Plcy Ltr for Comdrs: Sup No. 1:9-15 Jan '79

Solar power and the future in space. Clarke Covington. tabs illus RUSI J for Def Studies 124:12-21 Mar '79

The space program and its benefits--past, present and future. Sen John Glenn. illus Signal 34:15-17 Nov-Dec '79

United States--Air Force

SAMSO charts future in space. illus Def Elect 11:43-44+ Nov '79

USAF space operations. LtGen Thomas P. Stafford, Ret. illus Natl Def 64:40-43+ Nov-Dec '79

SPACE PROGRAMS - ContinuedUnited States--National Aeronautics
and Space Administration

Consultants' report on shuttle program management.
Interavia 34:1010-1011 Nov '79

Diminishing space program. LtGen Ira C. Eaker, Ret.
AF Times 39:15-16 Feb 26 '79

Space shuttle--how late, how much? Chris Bulloch.
illus tab Interavia 34:961-963 Oct '79

SPACE PROJECTApollo

The 10 military men who walked on the moon--ten
years later. Lothar H. Wedekind. illus AF Times,
Times Magazine sup:6-16 Jul 16 '79

Tenth anniversary of a giant step. William P. Schlitz.
illus AF Mag 62:98-99 Jul '79

Skylab

Caloric and exercise requirements of space flight:
Biostereometric results from Skylab. Michael W.
Whittle. tabs Aviation, Space & Envmt Med 50:
163-167 Feb '79

Skylab succumbs. TSgt Mike Bergman. illus Inter-
ceptor 21:6-8 Aug '79

Spacelab

Space science of the eighties. Theo Pirard. illus
Aerosp Intl 15:26-28+ Feb-Mar '79

Spacelab problems: Real but manageable, says ESA.
Interavia 34:376-377 May '79

SPACE RACESee also

Space--International Aspects

SPACE RESEARCHSee also

Space--International Aspects

Space Medicine

Space Programs

also projects under specific name, e.g.,
Space Project--Apollo

Aerospace review. Regular feature in issues of
Aerospace International

United States

A legal regime for space activities. (Remarks, Amer-
ican Astronautical Society, Houston, TX, Oct 31,
1978) MajGen Walter D. Reed. AF Plcy Ltr for
Comdrs; Sup No.1:9-15 Jan '79

A new era in space. Adlai E. Stevenson. tab illus Sig-
nal 33:17-20 Feb '79

Space science: What's up and what's coming. Chris
Bulloch. illus Interavia 34:234-238 Mar '79

Why are we in space? Neil P. Ruzic. illus AU Rev
31:34-48 Nov-Dec '79

SPACE SHUTTLES see Space TransportersSPACE STATIONSSee also

Space Project--Skylab

Command of space. Maj E.M. Fitzgerald. Army Qtr
108:167-176 Apr '78

One hundred and forty-day space vigil. illus Soviet
Mil Rev No.1:30-31 Jan '79

The Spacelab program--international participation.
Michel Bignier. illus Signal 33:28-31 Feb '79

SPACE TAXIS see Space TransportersSPACE TRANSPORTERS

Aerospace transportation. (Adapted from NASA Facts,
June 1977) illus Translog 10:2-5 Jan '79

Command of space. Maj E.M. Fitzgerald. Army Qtr
108:167-176 Apr '78

Consultants' report on shuttle program management.
Interavia 34:1010-1011 Nov '79

\$1.2 billion launching facility being built at Vanden-
berg AFB (CA) for space shuttle. illus Def Elect
11:32-33 Nov '79

The promise of the shuttle. Gregory H. Russell. illus
Def Trans J 35:10+ Dec '79

SAMSO: DOD's executive agent for the Space Trans-
portation System. Capt Thomas M. Hargrove. illus
Signal 33:22-25 Feb '79

The space shuttle goes West. LtCols Raymond E.
Rodgers, Jr and Tyler Jackson. illus AF Engrg
& Svcs Qtr 20:29-33 Aug '79

Space shuttle--how late, how much? Chris Bulloch.
illus tab Interavia 34:961-963 Oct '79

Space shuttle: The new space transportation system.
George B. Merrick. illus Signal 33:10-15 Feb '79

Spacelab problems: Real but manageable, says ESA.
Interavia 34:376-377 May '79

Towards a European space transport system? illus
Interavia 34:1089 Nov '79

History

Going along for the ride! William G. Holder. illus AU
Rev 30:48-57 Jan-Feb '79

SPACE VEHICLESSee also

Satellites, Artificial

Space Stations

Space Transporters

Design

Space shuttle: The new space transportation system.
George B. Merrick. illus Signal 33:10-15 Feb '79

DetectionSee also

Space Detection and Tracking System

SPACE VEHICLES - Continued

Electronic Equipment
See Electronic Equipment (Space Vehicles)

Ground-Support Equipment

Ground mobile tactical satellite terminals in production. illus Def Elect 11:30-31 Jun '79

Launching

\$1.2 billion launching facility being built at Vandenberg AFB (CA) for space shuttle. illus Def Elect 11:32-33 Nov '79

Chronology

Space launchings in 1978. Vitaly Sevastyanov. illus Soviet Mil Rev No. 3:2-6 Mar '79

Tracking

See also
Space Detection and Tracking System

SPAIN

Bombs over Bardenas. (USAFE aircrews train at the bombing range at Zaragoza AB, Spain) SMSgt Dave Sheeder. illus Airman 23:21-27 Nov '79

Foreign RelationsNATO

Spain and NATO. (Sir Robert Brooke-Popham Prize Essay) SqLdr D. C. Martin. illus Hawk No. 39: 29-35 Winter '78-'79

Spain's doubts on the Atlantic journey. Antonio Sánchez-Gijón. illus NATO's Fifteen Nations 23: 61-63+ Feb-Mar '79

Strategic Importance

Spain and its defense organization. LtCol J. Sánchez Méndez and others. illus chart Intl Def Rev pt 1, The Armed Forces. 12, No. 9:1489-1494 '79

SPANISH-AMERICAN WAR, 1898

Huntington's battalion was the forerunner of today's FMF. LtCol John J. Reber, Ret. illus MarCor Gaz 63:73-78 Nov '79

"My Dear Bobby": Letters from a Marine Corps colonel to his son during the Spanish American War. E. R. Hagemann. MarCor Gaz 63:78-81 Nov '79

SPARE PARTS

Breakout. MajGen Richard H. Thompson. illus tab Army Log 11:8-11 Nov-Dec '79

Have we enough spare parts to win a war? MajGen John G. Hill, Jr, Ret. illus Army 29:34-36 Feb '79

Review of war readiness spares list. TIG Brief 31:10 Nov 16 '79

Scrapping our World War II Navy. Mel Fredeen. illus US Nav Inst Proc 105:63-73 Feb '79

The weak link in defense logistics. BrigGen George K. Patterson. illus tab Log Spectrum 12:28-32 Winter '78

SPATIAL DISORIENTATION

Flying safety and vertigo/disorientation. TIG Brief 31:18 Jul 13 '79

A pilot's view of disorientation. (Adapted from Aerospace Safety, Sep 1977) illus USA Avn Dig 25:32-35 Jun '79

Spatial disorientation. Capt Gary R. Porter. illus TAC Attack 19:4-6 Dec '79

Which way is up? Robert E. Coward and others. illus TAC Attack 19:12-14 Dec '79

SPECIAL AIR WARFARE CENTER see Special Operations ForceSPECIAL EXPERIENCE IDENTIFIERS see Personnel Classification--Air Force--U.S.SPECIAL FORCES

Military elite forces: Surrogate war, terrorism, and the new battlefield. Roger A. Beaumont. illus Parameters 9:17-29 Mar '79

Soviet special operations/partisan warfare: Implications for today. Capt Henry S. Whittier, Jr. illus Mil Rev 59:48-58 Jan '79

"Special forces." Col A. Dolgov. Soviet Mil Rev No. 4: 22-23 Apr '79

Special operations in counter-insurgency: The Farran case, Palestine 1947. David A. Charters. RUSI J for Def Studies 124:56-61 Jun '79

Underwater warriors--Special Forces Scuba School. MSgt Matt Glasgow. illus Soldiers 34:14-16 Jul '79

SPECIAL OPERATIONS FORCE

J-CATCH (Joint Countering ATtaCk Helicopters). Capt Joe Vallmont. illus TAC Attack 19:24-28 Mar '79

SPECIAL WARFARE see Unconventional WarfareSPECIALISTS see Manpower, TechnicalSPECIFICATIONS

Background of study on specifications and standards. Joseph F. Shea. Def Sys Mgt Rev 2:103-110 Summer '79

Correcting the shortfalls in the defense specifications and standards program. Richard A. Stimson. illus Def Mgt J 15:19-23 Mar-Apr '79

SPEECH

Bringing innovation to AFROTC oral communications training. LtCol Donald E. Sheehan. illus tab Educ J 21:22-25 '78/'79

Lecturing in the ROTC classroom. John A. Kline. illus Educ J 21:34-38 '78/'79

SPIES AND SPYING see EspionageSPONSOR PROGRAMS

INTRO (Individualized Treatment and Orientation) needs support. AF Times 40:41 Oct 22 '79

SPONSOR PROGRAMS - Continued

Individualized Newcomer Treatment and Orientation program (INTRO). TIG Brief 31:14 Oct 5 '79

Individualized Newcomers' Treatment and Orientation (INTRO) program. TIG Brief 31:10 Sep 21 '79

A look at the sponsorship program. TIG Brief 31:14 Oct 19 '79

SPORTS

Assault on Nanda Devi. (Capt Gilbert V. Harder climbs mountains, including this one in the Himalayas) MSgt David B. Drachlis. illus Airman 23: 42-48 Sep '79

CIOR update. Judy Oberdick. illus Air Reservist 31:23 Oct '79

Competitive sports--preparing for battle. Capt Stephen D. Westbrook. illus Armor 88:47-49 Mar-Apr '79

The drive to dive. (USAF Capt Martha Lutz, a diver) Capt Dick Sheffield. illus Airman 23:38-40 Mar '79

A fighting chance. (Del Rio Boy's Club in Texas has two AF boxing coaches) MSgt Larry Cobine. illus Airman 23:12-13 Aug '79

Guard medics in Winter Olympics "try-outs"--a task force of medics from New York is ready for emergency tasks at Lake Placid when Winter Games take place. illus Natl Guard 33:8-11 Nov '79

In the spirit. (USAF SSgt Debbie Anderson is a marathon runner) LtCol Paul Seaman. illus Airman 23: 9-11 Mar '79

Reservists place in (1979) CIOR (Interallied Confederation of Reserve Officers) competition. illus AF Times 40:34 Oct 22 '79

TV o'seas: Sports suffer. AF Times 39:1+ Apr 23 '79

Top-ranked U.S. teams finish fourth, fifth, and sixth in CIOR competition (Aug 27-29, 1979). Maj Charles M. Ferguson. Officer 55:20 Nov '79

Tough sledding (USAF bobsled team in training). Capt Gregory J. Anderson. illus Airman 23:2-6 Mar '79

Training for a first marathon. Alfred F. Morris. tabs MarCor Gaz 63:18-19 Sep '79

A very special kind. (USAF personnel and bases help with the Special Olympics) Capt Katie Cutler. illus Airman 23:44-48 Dec '79

SPRATLY ISLANDS

Pacific contest emerges for Spratly Islands' oil. CDR F.C. Kane. illus map Armed Forces J Intl 116:30 Apr '79

SPRUANCE, William W.

The will to live. BrigGen William W. Spruance, Ret. por MAC Flyer 26:20-23 Jun '79

STABILE, Benedict L.

The Coast Guard market for architect/engineers. RADM Benedict L. Stabile. por Mil Engr 71:18-21 Jan-Feb '79

STABILE, Benedict L. - Continued

Maintaining the Coast Guard's shore plant. RADM Benedict L. Stabile. por Mil Engr 71:106-108 Mar-Apr '79

STAFF COLLEGESAir Force--U. S.

See also colleges by name, e. g.,
Air War College

Armed Forces

Service Schools awaiting 152 (AF officers). AF Times 39:25 Feb 26 '79

Armed Forces--Russia

Soviet military education. Col Richard G. Head. illus tabs AU Rev 30:45-57 Nov-Dec '78

Army--Nigeria

Nigeria's (Army Command and) Staff College. Brig T.A. Boam. Army Qtr 108:269-277 Jul '78

Army--U. S.

See also
Army War College
Command and General Staff College

Navy--U. S.

See also
Naval War College

STAFFORD, Thomas P.

The challenge of M-X. LtGen Thomas P. Stafford. Signal 34:8-12 Sep '79

(Former) Deputy Chief of Staff for Research, Development and Acquisition (LtGen Thomas P. Stafford, Ret). por Natl Def 64:9 Nov-Dec '79

ICBM and air-breathing programs. (Presentation, Committee on Armed Services, House of Representatives, Washington, Feb 28, 1979) LtGen Tom Stafford. AF Plcy Ltr for Comdrs: Sup No.4: 30-32 Apr '79

R&D MAs. LtGen Thomas P. Stafford. por Air Reservist 32:14-15 Nov '79

"... to be against readiness is to be against motherhood." Interview. LtGen Thomas P. Stafford. por Armed Forces J Intl 117:28+ Nov '79

USAF objective: To maintain a credible force. LtGen Thomas P. Stafford. AF Plcy Ltr for Comdrs: Sup No. 12:15-22 Dec '78

USAF space operations. LtGen Thomas P. Stafford, Ret. Natl Def 64:40-43+ Nov-Dec '79

STAFFS, MILITARY

See also
Air Staff
Army General Staff
Joint Chiefs of Staff

Command decision. LtCol John G. Fowler, Jr. illus Mil Rev 59:2-6 Jun '79

STAFFS, MILITARY - Continued

Dual assignment for new ACMC (Gen Kenneth McLennan). MarCor Gaz 63:2 Aug '79

Lessons of allied interoperability: A portent for the future? Benjamin Franklin Cooling and LtCol John A. Hixson. illus Mil Rev 59:38-47 Jun '79

STALIN, Iosif

A toast from Stalin. LtGen Harry E. Goldsworthy, Ret. por Aerosp Hist 26:161-165+ Sep '79

STAMPS, POSTAGE see Postage StampsSTANDARD OF LIVING see Cost and Standard of LivingSTANDARDIZATION

AF begins own engineering safety guide. AF Times 40:13 Dec 24 '79

Background of study on specifications and standards. Joseph F. Shea. Def Sys Mgt Rev 2:103-110 Summer '79

A battlefield automation-communications network. (Convention panel, AFCEA, Washington, June 20, 1979) BrigGen Walter E. Adams and others. illus tabs Signal 33:96-117 Aug '79

C/KC-135 interchangeability problems, overhauled spares. TIG Brief 31:7 Jul 2 '79

Can NATO effect standardization? A European view. Patrick Wall. illus Def & For Aff Dig 7, No.4: 18-20+ '79

Correcting the shortfalls in the defense specifications and standards program. Richard A. Stimson. illus Def Mgt J 15:19-23 Mar-Apr '79

European equipment cooperation. Clifford Cornford. illus RUSI J for Def Studies 124:46-49 Mar '79

Four roads to integrated tactical communication. R. J. Raggett. illus NATO's Fifteen Nations 24:75-76+ Feb-Mar '79

The French 75: An early experiment in standardization. Col Daniel K. Malone. illus Natl Def 63:40-46 Mar-Apr '79

Getting traffic moving on NATO's two-way street. Maj Dennis M. Drummond. illus AU Rev 30:26-34 Sep-Oct '79

Improving NATO through armaments collaboration. Interview. Walter B. LaBerge. illus Signal 33: 43-45 Apr '79

The inoperability of interoperability? Thomas A. Callaghan, Jr. Armed Forces J Intl 116:36 Apr '79

Interoperability. LtCol Charles W. Montgomery, Ret. Fld Arty J 47:26-27 Nov-Dec '79

Interoperability of maintenance support. 1stLt Roger L. Carter. illus tab Army Log 11:14-17 May-Jun '79

Looking ahead. Robert Komer. Intl Sec 4:108-116 Summer '79

The looking-glass world of international programs. LtCol David A. Appling. Def Sys Mgt Rev 2:7-18 Spring '79

STANDARDIZATION - Continued

Maintenance test pilot standardization. CW4 Joseph A. DeCurtis. USA Avn Dig 25:10-12 Dec '79

Motor vehicle standardisation in the Warsaw Pact: Problems and limitations. Lawrence L. Whetten and James L. Waddell. tabs RUSI J for Def Studies 124:55-60 Mar '79

NATO evaluation of small arms: Ammunition and weapons for the post-1980 period. Edward C. Ezell. illus tabs Intl Def Rev 12, No.8:1367-1372 '79

NATO necessity: Arms cooperation. William J. Perry. illus Command Plcy 2:2-7 Sep '79

NATO Sea Sparrow. Jeffrey A. Krukin. illus Natl Def 63:38-40 Jan-Feb '79

NATO standardization and interoperability--a time for involvement. (Address, Washington Chapter, American Defense Preparedness Assoc, Arlington, VA, Oct 13, 1978) John J. Ford. illus Natl Def 63:44-46+ Jan-Feb '79

NATO standardization: Panacea or plague? Capt John L. Clarke. illus Mil Rev 59:59-65 Apr '79

The North Atlantic Treaty's fatal flaw. Thomas A. Callaghan, Jr. illus NATO's Fifteen Nations 24: 144-146+ Oct-Nov '79

Small arms: Biting the bullet. John Fullerton. illus Def & For Aff Dig 7, No. 1:29-31 '79

Special report: Defense electronics exports. illus tabs Def Elect 11:58-62+ May '79

Standardization: In search of the Holy Grail. Capt Richard M. Saunders. illus Army 29:14-20 Feb '79

Standardization in the Warsaw Pact. Arthur G. Volz. illus tab Armor 88:22-26 Mar-Apr '79

TRI-TAC--an ambitious U.S. joint tactical communications program. Gowri S. Sundaram. illus tab Intl Def Rev 12, No.4:568-572 '79

Tactical air power in armored warfare--the divergence within NATO. Steven L. Canby. illus AU Rev 30:2-20 May-Jun '79

Technology transfer in a competitive environment. Charles S. Haughey. Def Sys Mgt Rev 2:27-34 Winter '79

Why worry about configuration management? William A. Dean. Def Sys Mgt Rev 2:21-29 Summer '79

STANDARDS OF CONDUCT

Discipline and standards. TIG Brief 31:9 Aug 3 '79

STARRY, Donn A.

Dedication of Abrams Loop at the U.S. Army Command and General Staff College. Gen Donn A. Starry. por Mil Rev 59:36-42 Sep '79

TAC and TRADOC talk a lot, but do they communicate? Interviews. Gens Donn A. Starry and W. L. Creech. por Armed Forces J Intl 117:27-28+ Sep '79

Training key to success of force modernization. Gen Donn A. Starry. por Army 29:30-34 Oct '79

STATE DEPT

Report on 'saving' kin o'seas held too brief. AF Times 39:6 Feb 26 '79

STATISTICS

Here are entered articles on statistical theory and methods. For statistical information on a specific subject see the subdivision Statistics under the specific subject.

Professional evaluation and combat readiness. Lewis Sorley. illus Mil Rev 59:41-53 Oct '79

STATUS OF FORCES AGREEMENTS

The status of forces agreement for Western Europe: A permanent feature. David T. Austern. illus Review 58:34-35 Jul-Aug '79

STEEL

Steel fiber-reinforced concrete: A second generation version. LtCol David Brown. tabs Mil Engr 71: 246-248 Jul-Aug '79

STENNIS, John C.

Stennis makes Services sweat--o'seas kin travel curbs. Bruce Callander. AF Times 39:14 May 14 '79

STETSON, John C.

Broadening the strategic planning process. John C. Stetson. por AF Mag 62:58-59 May '79

Secretary of the Air Force John C. Stetson resigns. por AF Mag 62:32 Jun '79

Stetson outlines misconceptions about defense. Officer 55:10-11 Apr '79

STEWARDS AND STEWARDESSES see Cabin CrewsSTOCKDALE, James B.

Communicating without technology. (American POW perseverance and ingenuity during the Vietnam War) VADM James Bond Stockdale, Ret. por Signal 34:26-30+ Oct '79

STOCKPILING

The decade of decision. Talbot S. Lindstrom. illus Natl Def 64:24-29+ Sep-Oct '79

The Soviet mobilization base. Norman Friedman. illus AF Mag 62:65-67+ Mar '79

STORAGE

European chill space examined--the future of subsistence storage. Allan Rosen. illus Review 58: 30-31+ Jul-Aug '79

How AAFES supplies Europe--the overseas distribution system. illus Review 58:38-39 Jul-Aug '79

Locator system key to warehousing. Louis D. Fieger. illus Translog 10:7-8+ Nov '79

Mildew ... waiting for a chance. Ronald V. Claussen. illus Translog 10:4-5+ Mar '79

Physical distribution management. George A. Geco-wets. illus tab Def Trans J 35:5-8+ Aug '79

STRAINS AND STRESSES

Aircraft Structural Integrity Program. 1stLt Richard E. Tullos. illus MAC Flyer 26:18-20 Aug '79

STRAITS see WaterwaysSTRATEGIC AIR COMMANDSee also

Air Force, 8th
Air Force, 15th

Active duty Guard aircrews at Pease AFB (NH) are all ready in the "Mole Hole." (Crews spend their seven day stretches on alert duty at a concrete blockhouse) Capt Dick Sheffield. illus Airman 23: 2-6 Oct '79

Challenge '79. (Barksdale's (AFB, LA) SAC NCO Academy students test their knowledge on closed-circuit television quiz program) SMSgt Dick Larsen. illus Airman 23:9-11 Oct '79

Climb to the top (of SAC's Hall of Fame). Amn Benita Simone. illus Combat Crew 29:4-7+ Mar '79

Dining hall upgrade projects: A tough recipe. Capt James Waltman. illus AF Engrg & Svcs Qtr 20: 30-32 May '79

Enhancing your base level M/A (Management/Analyses) functions--SAC did ... and it did! Maj J.E. Key. illus AF Compt 13:36-38 Jan '79

Giant Sword 1979. Maj Stephen J. Miller. illus tabs Combat Crew 29:4-7 Sep '79

Giant Thrust II--an aircraft commander's view. Capt John Lawton. illus Combat Crew 29:8-9+ Jan '79

Giant Thrust II--the maintenance view. LtCol Thomas A. Bainbridge. illus Combat Crew 29:11+ Jan '79

Giant Voice 78. illus tabs Combat Crew 29:4-7+ Jan '79

Guam--twelve o'clock, 200 miles. (SAC diversified training mission) Maj Douglas B. Aitken. illus Combat Crew 29:10-13+ Nov '79

Minuteman competitors (in Olympic Arena '79). illus Combat Crew 29:6-9+ Apr '79

Olympic Arena '79: A command tradition. illus Combat Crew 29:4-5 Apr '79

Olympic Arena trophies handed out. illus AF Times 39:12 May 21 '79

Our greatest need today. (Remarks, AFA Symposium, Los Angeles, Oct 26, 1978) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 1:2-8 Jan '79

Overview statement. (Presentation, Senate Armed Services Committee, Washington, Feb 1, 1979) AF Plcy Ltr for Comdrs: Sup No. 4:15-18 Apr '79

SAC assumes operational management for space surveillance and missile warning resources. BrigGen William L. Shields, Jr. illus map Combat Crew 29: 20-21 Dec '79

SAC saving fuel. AF Times 40:35 Sep 17 '79

Safety--a people program. (SAC's annual Safety Management Seminar, Carswell AFB, TX, Oct 2, 1979) Maj Stephen J. Miller. illus Combat Crew 29:8-11 Dec '79

STRATEGIC AIR COMMAND - Continued

Stakeout at Alpha 5. (SAC uses 'camper alert teams' to maintain surveillance at missile sites) Capt Dick Sheffield. illus Airman 23:2-6 Dec '79

Strategic Air Command. illus charts AF Mag 62:84-86 May '79

Strategic air rescue. illus Combat Crew 29:20-21 Jun '79

The thrill of victory: Minot wins top spot in (SAC's Loading Competition, Giant Sword, Sep 11-18, 1979). Maj Stephen J. Miller. illus Combat Crew 29:4-7+ Nov '79

Welcome to the SAC command post. Capt James F. Bryden. illus Combat Crew 29:12-13 Jul '79

When SAC fought back. Capt Katie Cutler. illus Airman 23:21-26 Dec '79

Wings in competition ... Titan competitors (in Olympic Arena '79). illus Combat Crew 29:12-15 Apr '79

With a Giant Thrust. SSgt Fred Spriggs. illus Airman 23:11-15 Jan '79

Year of the Titan. (Olympic Arena '79) illus Combat Crew 29:8-9+ Jun '79

STRATEGIC ANTIBALLISTIC MISSILE INTERCEPT SYSTEM see Missile DefenseSTRATEGIC ARMS LIMITATION TALKS see Arms ControlSTRATEGIC FORCESFrance

The future of France's force de dissuasion. Gen Pierre M. Gallois, Ret. illus Strat Rev 7:34-41 Summer '79

Great Britain

The future of Britain's strategic nuclear force. AVM Stewart W. B. Menaul. illus Strat Rev 7:25-33 Summer '79

NATO

Can NATO meet its toughest test? Strategic and theater nuclear forces for the 1980s. Justin Galen. illus tabs Armed Forces J Intl 117:49-50+ Nov '79

NATO, Kissinger and the future of strategic deterrence. Bridget Gail. illus Armed Forces J Intl 117:58-59+ Nov '79

Russia

How little is enough? Francis P. Hoeber. Intl Sec 3: 53-73 Winter '78-'79

Naval power and Soviet global strategy. Michael McCwire. Intl Sec 3:134-189 Spring '79

The political potential of Soviet equivalence. Benjamin S. Lambeth. Intl Sec 4:22-39 Fall '79

SALTing the strategic balance. Bob Carr. illus tab NATO's Fifteen Nations 23:36-41 Dec '78-Jan '79

Strategic forces through the looking glass. Bridget Gail. tabs Armed Forces J Intl 117:30-33 Dec '79

STRATEGIC FORCES - ContinuedRussia - Cont'd

Strategic systems outlook. Seymour L. Zeiberg. illus Natl Def 64:26-29 Jul-Aug '79

U.S. strategic weapons developments and the implications of SALT. illus Intl Def Rev 12, No. 3:367-371 '79

Who are those guys? Donald L. Clark. illus AU Rev 30:47-65 May-Jun '79

United States

'Countervailing strategy.' Edgar Ulsamer. illus AF Mag 62:54-59 Apr '79

The economics of arms control. Roger Zane George. tabs Intl Sec 3:94-125 Winter '78-'79

The FY 80 Defense budget. Bridget Gail and others. tabs Armed Forces J Intl 116:26+ Mar '79

How little is enough? Francis P. Hoeber. Intl Sec 3: 53-73 Winter '78-'79

ICBM and air-breathing programs. (Presentation, Committee on Armed Services, House of Representatives, Washington, Feb 28, 1979) LtGen Tom Stafford. AF Plcy Ltr for Comdrs: Sup No. 4: 30-32 Apr '79

The infinite silo. Norman Polmar. illus Sea Power 22:17-21 Mar '79

The MX and strategic deterrence in the 1980s. G.K. Burke. illus tabs AU Rev 30:28-38 May-Jun '79

Maintaining stable deterrence. McGeorge Bundy. Intl Sec 3:5-16 Winter '78-'79

The Navy's stake in SALT. LT James L. George, Ret. illus Sea Power 22:23-27 Jul '79

Overview statement. (Presentation, Senate Armed Services Committee, Washington, Feb 1, 1979) AF Plcy Ltr for Comdrs: Sup No. 4:15-18 Apr '79

Planning our strategic future: The classical approach. MajGen John C. Toomay. illus Natl Def 64:52-55 Jul-Aug '79

The political potential of Soviet equivalence. Benjamin S. Lambeth. Intl Sec 4:22-39 Fall '79

Preserving the ICBM leg of the triad. Paul H. Nitze. tabs Natl Def 64:30-34+ Jul-Aug '79

SALTing the strategic balance. Bob Carr. illus tab NATO's Fifteen Nations 23:36-41 Dec '78-Jan '79

Strategic defensive systems. Alexander H. Flax. illus Natl Def 64:40-44 Sep-Oct '79

Strategic force modernization plan. William J. Perry. illus Command Plcy 2: entire issue May '79

Strategic forces through the looking glass. Bridget Gail. tabs Armed Forces J Intl 117:30-33 Dec '79

Strategic military balance. (Presentation, Senate Committee on Foreign Relations, July 11, 1979) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 9: 10-21 Sep '79

Strategic systems outlook. Seymour L. Zeiberg. illus Natl Def 64:26-29 Jul-Aug '79

STRATEGIC FORCES - ContinuedUnited States - Cont'd

USAF objective: To maintain a credible force. LtGen Thomas P. Stafford. AF Plcy Ltr for Comdrs: Sup No. 12:15-22 Dec '78

U.S. defense policy: The problem is not more money. Steven L. Canby. tabs AEI For Plcy & Def Rev 1, No. 3:23-36 '79

U.S. strategic weapons developments and the implications of SALT. illus Intl Def Rev 12, No. 3:367-371 '79

STRATEGIC IMPORTANCE see as subdivision under specific country and geographical area

STRATEGIC WARFARE

On war, time, and the principle of substitution. Herman L. Gilster. illus AU Rev 30:2-19 Sep-Oct '79

Soviet-United States civil defense--tipping the strategic scale? Maj Thad A. Wolfe. illus tabs maps AU Rev 30:40-55 Mar-Apr '79

STRATEGY

See also as a subdivision under specific wars,

e.g.,
Vietnamese Conflict, 1957-1975 --Strategy
World War II--Strategy

Can Western Europe be defended by conventional means? LtCol Norbert Hannig, Ret. illus tabs Intl Def Rev 12, No. 1:27-34 '79

Command method: A gap in military historiography. Roger A. Beaumont. illus Nav War Col Rev 31:61-74 Winter '79

Command of space. Maj E.M. Fitzgerald. Army Qtr 108:167-176 Apr '78

Doctrine and strategy--the misunderstood basics. Maj Ted Schroeder. illus Mil Rev 59:11-16 Jan '79

East-West mutual assessments: Perceptions of the threat. John Fullerton. illus Def & For Aff Dig 7, No. 7:40-42+ '79

Economic strategy. Regular feature in some issues of Defense & Foreign Affairs Digest

En clair: A monthly report on strategic news. Regular feature in issues of Defense & Foreign Affairs Digest

Europe's heightened role in global strategy. Gen J.A. Graf Kielmansegg, Ret. illus Strat Rev 7:49-55 Winter '79

Psychological strategy. Regular feature in some issues of Defense & Foreign Affairs Digest

SALT, strategy and Atlantic relations. Phil Williams. RUSI J for Def Studies 124:50-54 Mar '79

Strategic "doctrine" and SALT: Soviet and American views. Robert Legvold. (Condensed from Survival, Jan-Feb 1979) illus Mil Rev 59:30-38 Aug '79

Strategic implications of developments in the law of the sea. Commodore J.R. Hill. illus NATO's Fifteen Nations 24:152-153+ Oct-Nov '79

STRATEGY - Continued

Strategic metaphors. Col John C. Scharfen, Ret and Kristine S. Wilcox. illus US Nav Inst Proc 105:36-41 Sep '79

Strategy--the theory and application. RADM Henry E. Eccles, Ret. illus Nav War Col Rev 32:11-21 May-Jun '79

Strategymaking for the 1980's. LtGen Raymond B. Furlong. illus Parameters 9:9-16 Mar '79

Von Manstein, "Fall Gelb" and NATO options. Capt Lonnie Otis Ratley III. tabs RUSI J for Def Studies 124:61-65 Mar '79

Western Europe: An improper system of defence. Gen Pierre M. Gallois. RUSI J for Def Studies 124:12-17 Sep '79

History

Principles of deterrence. Col John M. Collins, Ret. illus tabs AU Rev 31:17-26 Nov-Dec '79

China (People's Republic)

China touches the tigers' bottoms. MajGen Robert N. Ginsburgh, Ret. illus AF Mag 62:40-45 Jun '79

Chinese defense strategy: A historical approach. Maj Stanley E. Henning. illus Mil Rev 59:60-67 May '79

Great Britain

The role of Italy in British strategy, 1938-1939. Williamson Murray. RUSI J for Def Studies 124:43-49 Sep '79

NATO

Budgets and theater nuclear forces. illus Def & For Aff Dig 7, No. 10:40-41 '79

The calculus of surprise attack. LtCol A.L. Elliott. illus tab AU Rev 30:56-67 Mar-Apr '79

A maritime or continental strategy? A British view. Patrick Wall. illus Sea Power 22:17-21 Apr '79

NATO strategy: Political-military problems of divergent interests and operational concept. LtCol Steven L. Canby. illus Mil Rev 59:50-58 Apr '79

NATO's lost decade. Justin Galen. illus map tabs Armed Forces J Intl pt 1, How the United States gave the Warsaw Pact a surprise attack capability. 115:19-20+ Jun '78; pt 2, Restoring the NATO-Warsaw Pact balance: "The art of the impossible." 116:32-34+ Sep '78; pt 3, Keeping the transatlantic bargain: The last chance for forward defense. 116:30+ Dec '78; pt 4, NATO's theater nuclear dilemma: A new set of crucial choices. 116:16+ Jan '79; pt 5, NATO's national opportunities: France and the Iberian Peninsula. 116:37-39+ Apr '79

Pershing II: First step in NATO theatre nuclear force modernization? F. Clifton Berry, Jr. illus tabs Intl Def Rev 12, No. 8:1303-1308 '79

The reinforcement of Europe. Gen Peter Whiteley. illus NATO's Fifteen Nations 24:20-24+ Aug-Sep '79

Soviet doctrine implications for NATO. Jacquelyn K. Davis. maps Natl Def 63:28-31+ Jan-Feb '79

STRATEGY - ContinuedNATO - Cont'd

The sudden attack debate: Arguments and alternatives. David Hazel. RUSI J for Def Studies 123:37-43 Dec '78

U.S. naval forces and the northern flank of NATO. F.J. West, Jr. illus tabs Nav War Col Rev 32: 15-25 Jul-Aug '79

Russia

China: Unfinished encirclement. Stefan T. Possony. Def & For Aff Dig 7, No. 3:4+ '79

Europe's heightened role in global strategy. Gen J. A. Graf Kielmansegg, Ret. illus Strat Rev 7:49-55 Winter '79

The growing Soviet artillery threat. Charles Dick. tabs illus RUSI J for Def Studies 124:66-73 Jun '79

Is the USSR at the point of crucial change? Stefan T. Possony. illus Def & For Aff Dig 7, No. 12:2-5+ '79

Minerals: Key to Soviet current strategies? Michael Morgan. illus Def & For Aff Dig 7, No. 12:17-20 '79

Moscow and the Middle East: The scimitar and sickle. Def & For Aff Dig 7, No. 12:40-41+ '79

Nuclear strategy--differences in Soviet and American thinking. 1st Lt John W. Jenson. AU Rev 30:2-17 Mar-Apr '79

Patterns of Soviet involvement in a local war. Amnon Sella. RUSI J for Def Studies 124:53-56 Jun '79

The planned destruction of the West. Patrick Wall. illus Sea Power 22:17-22 Nov '79

The political potential of Soviet equivalence. Benjamin S. Lambeth. Intl Sec 4:22-39 Fall '79

SALT and the emerging strategic threat. Peter Hughes. illus tab AF Mag 62:48-53 Mar '79

Seventy years on: Similarities between the modern Soviet Army and its Tsarist predecessor. Christopher Bellamy. illus RUSI J for Def Studies 124: 29-38 Sep '79

The Sino-Soviet conflict: A search for new security strategies. William G. Hyland. illus Strat Rev 7: 51-62 Fall '79

The southern flank of the USSR: Afghanistan, Iran, and Pakistan. Shirin Tahir-Kheli. illus Nav War Col Rev 31:30-40 Winter '79

Southern theaters: Is the Warsaw Pact outflanking NATO's southern flank? John Fullerton. Def & For Aff Dig 7, No. 2:36+ '79

Soviet options for war in Europe: Nuclear or conventional? Col Graham D. Vernon. illus Strat Rev 7: 56-66 Winter '79

The Soviet strategic view. (Excerpts and paraphrases from Soviet strategic-military literature) Regular feature in issues of Strategic Review beginning with Summer 1979

Soviet strategic vulnerabilities. Colin S. Gray. illus AF Mag 62:60-64 Mar '79

Soviet strategy and NATO's northern flank. CAPT William K. Sullivan. illus Nav War Col Rev 32: 26-38 Jul-Aug '79

STRATEGY - ContinuedRussia - Cont'd

Soviet tactics for overcoming NATO anti-tank defenses. C.N. Donnelly. illus tabs Intl Def Rev 12, No. 7:1099-1106 '79

The United States and the crescent of crisis: A view from the region. Shafqat Ali Shah. illus Strat Rev 7:39-50 Fall '79

World hegemony through military superiority. Edgar Ulsamer. tabs AF Mag 62:40-47 Mar '79

History

The Soviet strategic leadership during the war. LtGen M. Kiryan. illus Soviet Mil Rev No. 6:2-5 Jun '79

United States

The calculus of surprise attack. LtCol A.L. Elliott. illus tab AU Rev 30:56-67 Mar-Apr '79

Challenge for the 1980s: Maintaining the balance. (Presentation, Air Force Assoc National Convention, Washington, Sep 18, 1979) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No. 11:8-14 Nov '79

'Countervailing strategy.' Edgar Ulsamer. illus AF Mag 62:54-59 Apr '79

The dynamic role of Air Force doctrine. Maj Gene E. Townsend. AF Mag 62:53-55+ Oct '79

The economics of arms control. Roger Zane George. tabs Intl Sec 3:94-125 Winter '78-'79

Essential equivalence: The end of the nuclear deterrent myth. LtCol Norbert Hannig, Ret. illus tabs Intl Def Rev 12, No. 2:179-183 '79

Facets of aerospace power. (Dual triad system) Don Mace. illus AF Times 40:22+ Dec 10 '79

Force as a strategic weapon. Thomas H. Etzold. Army 29:14-17 May '79

The future of the strategic deterrent. (Presentation, Air Force Assoc, Los Angeles, Aug 3, 1979) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup. No. 10:2-7 Oct '79

How little is enough? Francis P. Hoeber. Intl Sec 3: 53-73 Winter '78-'79

Is Cuba's build-up aimed against NATO reinforcement? David Harvey. maps Def & For Aff Dig 7, No. 6:36-37 '79

Is there really a better way to win a war in Europe? Maj Charles W. Specht. AU Rev 31:74-77; Responses. William S. Lind. 31:77-79; Russell F. Weigley. 31:79-80; LtGen Raymond B. Furlong, Ret. 31:80-81 Nov-Dec '79

The legacy of SALT I: Soviet deception and U.S. retreat. David S. Sullivan. illus Strat Rev 7:26-41 Winter '79

Looking for options in the ICBM follow-on "shell game." David Harvey. illus Def & For Aff Dig 7, No. 4:40-41 '79

The MX and strategic deterrence in the 1980s. G.K. Burke. illus tabs AU Rev 30:28-38 May-Jun '79

Military Posture for FY 1980. (Overview, Senate Armed Services Committee, Jan 25, 1979) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No. 3:21-30 Mar '79

STRATEGY - ContinuedUnited States - Cont'd

- The military requirements of U.S. strategy. Colin S. Gray. illus Mil Rev 59:2-13 Sep '79
- Military strategy in transition. Col William O. Staudenmaier. Parameters 8:28-36 Dec '78
- Mobilization in the nuclear age. Paul Bracken. illus tabs Intl Sec 3:74-93 Winter '78-'79
- Mutual destruction: A deterrent to nuclear war? Maj Calvin C. Seybold. illus Mil Rev 59:22-28 Sep '79
- New critical defense needs. Edgar Ulsamer. (2d report on AFA's National Symposium on "Toward a New World Strategy," Los Angeles, Oct 26-27, 1978) illus AF Mag 62:26-31 Feb '79
- New friends and new enemies. Maj Edgar O'Ballance, Ret. illus Mil Rev 59:14-25 Oct '79
- No substitutes for military preparedness. Interview. Gen David C. Jones. illus AF Mag 62:44-48 May '79
- Nuclear strategy--differences in Soviet and American thinking. 1stLt John W. Jenson. AU Rev 30:2-17 Mar-Apr '79
- Nuclear strategy: The case for a theory of victory. Colin S. Gray. Intl Sec 4:54-87 Summer '79
- Opportunities and imperatives of ballistic missile defense. Malcolm Wallop. illus Strat Rev 7:13-21 Fall '79
- Our greatest need today. (Remarks, AFA Symposium, Los Angeles, Oct 26, 1978) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 1:2-8 Jan '79
- A post B-1 look at the manned strategic bomber. LtCol John J. Kohout III. illus AU Rev 30:27-51 Jul-Aug '79
- Pricing ourselves out of the market: The attack submarine program. CAPT Linton F. Brooks. illus tab Nav War Col Rev 32:2-17 Sep-Oct '79
- A proposed Defense budget for FY 1980. illus Command 2: entire issue Mar '79
- Prospects for the manned bomber--high noon or sunset? LtCol Edd D. Wheeler. illus AU Rev 30:2-15 Jan-Feb '79
- SALT under the Carter administration. J.I. Coffey. illus tabs Nav War Col Rev 31:6-29 Winter '79
- SAMSO: A look ahead. LtGen Richard C. Henry. illus AF Mag 62:52-55 Aug '79
- Sounding the tocsin: NSC 68 and the Soviet threat. Samuel F. Wells, Jr. Intl Sec 4:116-158 Fall '79
- Soviet perceptions of U.S. strategy. William F. Scott. AF Mag 62:72-75 Mar '79
- Strategic deterrence in the age of détente. CAPT Robert J. Carlin, Ret. illus US Nav Inst Proc 105:28-35 Sep '79
- Strategic implications of enhanced radiation weapons--a preliminary analysis. Donald M. Snow. illus AU Rev 30:2-16 Jul-Aug '79
- A strategy--or a capacity for revenge? Gen T.R. Milton, Ret. AF Mag 62:33 Jul '79

STRATEGY - ContinuedUnited States - Cont'd

- Study says some bases overseas not needed. AF Times 39:16 Jun 11 '79
- Summary of DOD Annual Report. (Presentation, Senate Armed Services Committee, Washington, Jan 25, 1979) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 3:2-20 Mar '79
- The terrible strategy of terror: A French perspective. Col Marc Geneste, Ret. illus Strat Rev 7: 23-31 Spring '79
- Toward a new world strategy. (Report on AFA's National Symposium on "Toward a New World Strategy," Los Angeles, Oct 26-27, 1978) Edgar Ulsamer. illus AF Mag 62:60-65 Jan '79
- 'Unilateral Corps': Is the U.S. turning a new strategic corner? Col James B. Agnew, Ret. illus Army 29:30-33 Sep '79
- The U.S. Air Force, as we look forward. (Remarks, Air Force Assoc National Convention luncheon for the Chief of Staff, Washington, DC) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup No. 12:2-8 Dec '78
- U.S. national strategy: Outward bound ... with inadequate charts. (Prize Essay, 1979) RADM Robert J. Hanks, Ret. illus US Nav Inst Proc 105:30-35 Apr '79
- What if? U.S. military strategy for the Middle East. Juan Cameron. (Reprinted from Fortune, May 7, 1979) maps Mil Rev 59:8-17 Nov '79
- Why not first-strike counterforce capabilities? Carl H. Builder. illus Strat Rev 7:32-39 Spring '79

History

- To the crossing of the Rhine: American strategic thought to World War II. Russell F. Weigley. Armed Forces & Soc 5:302-320 Winter '79

Warsaw Pact

- The sudden attack debate: Arguments and alternatives. David Hazel. RUSI J for Def Studies 123:37-43 Dec '78

STRATEGY, NAVAL

- The Trafalgar syndrome: Jutland and the indecisiveness of modern naval warfare. Maj J.A. English. illus Nav War Col Rev 32:60-77 May-Jun '79

China (People's Republic)

- The role of the submarine in Chinese naval strategy. LCDR Richard R. Pariseau. illus US Nav Inst Proc 105:66-69 Oct '79

NATO

- A maritime or continental strategy? A British view. Patrick Wall. illus Sea Power 22:17-21 Apr '79
- The potential battle of the Atlantic. RADM Sayre A. Swartztrauber. illus maps tabs US Nav Inst Proc 105:108-125 May '79

Russia

- Attacking the weakest link: The anti-support role of Soviet naval forces. LCDR Floyd D. Kennedy, Jr. illus Nav War Col Rev 32:48-55 Sep-Oct '79

STRATEGY, NAVAL - ContinuedRussia - Cont'd

Naval power and Soviet global strategy. Michael McGwire. Intl Sec 3:134-189 Spring '79

The planned destruction of the West. Patrick Wall. Illus Sea Power 22:17-22 Nov '79

The potential battle of the Atlantic. RADM Sayre A. Swartztrauber. Illus maps tabs US Nav Inst Proc 105:108-125 May '79

Seeing others as we see ourselves: Missions for the Kiev. Harlan B. Miller. Nav War Col Rev 32:105-108 Mar-Apr '79

Soviet ASW--highly capable or irrelevant? Norman Polmar. Illus tabs Intl Def Rev 12, No. 5:721-729 '79

The Soviet approach to naval warfare. CAPT William J. Ruhe, Ret. Illus Natl Def 63:50-51+ May-Jun '79

Soviet naval policy in the Indian Ocean. LCDR William F. Hickman. US Nav Inst Proc 105:42-52 Aug '79

Superpower naval disengagement in the Mediterranean. Ken Booth. Illus RUSI J for Def Studies 124: 28-35 Jun '79

Top British Admiral (Lord Hill-Norton) asserts: Global threat requires new global organization. John Slinkman. Illus Sea Power 22:39-40 Nov '79

United States

The beleaguered Navy. John T. Hayward. Govt Exec 11:12+ Jan '79

Countering Soviet imperialism. Col Joseph E. Hopkins and LtCol William R. Warren. Illus tab US Nav Inst Proc 105:58-65 Jun '79

The land-based V/STOL aircraft's role in our maritime strategy. LtCol Clifford A. Lindell, Ret. tab map Illus US Nav Inst Proc 105:106-108 Jun '79

Superpower naval disengagement in the Mediterranean. Ken Booth. Illus RUSI J for Def Studies 124: 28-35 Jun '79

Two anchors in the Pacific: A strategy proposal for the U.S. Pacific Fleet. LCDR Kenneth R. McGruther. Illus maps US Nav Inst Proc 105:126-141 May '79

U.S. national strategy: Outward bound ... with inadequate charts. (Prize Essay, 1979) RADM Robert J. Hanks, Ret. Illus US Nav Inst Proc 105:30-35 Apr '79

U.S. naval forces and the northern flank of NATO. F.J. West, Jr. Illus tabs Nav War Col Rev 32: 15-25 Jul-Aug '79

The war of unengaged forces--superpowers at sea in an era of competitive coexistence. CDR Russell L. Madison. Illus Nav War Col Rev 32:82-94 Mar-Apr '79

History

Disaster in Penobscot Bay. William Fowler. Illus Nav War Col Rev 31:75-80 Winter '79

STREAM CROSSING, MILITARY

An assault crossing (June 1944). Maj A. Sokolov. Illus map Soviet Mil Rev No. 12:40-42 Dec '79

Crossing a water barrier. LtCol I. Barchukov. Illus Soviet Mil Rev No. 9:30-33 Sep '79

Equipment

Maintenance of crossing means. Capt V. Baberdin. Illus Soviet Mil Rev No. 9:27-29 Sep '79

STRESS (PHYSIOLOGY)

Beyond the horizon. Illus Interceptor 21:13-15 Mar '79

Chronic fatigue. Maj Roger L. Jacks. Aerosp Safety 35:2-4 Jan '79

Effect of water and electrolyte replacement during exercise in the heat on biochemical indices of stress and performance. Kennon T. Francis. tabs Aviation, Space & Envmt Med 50:115-119 Feb '79

Fighter Index of Thermal Stress (FITS): Guidance for hot-weather aircraft operations. Sarah A. Nunneley and Richard F. Stribley. tabs Aviation, Space & Envmt Med 50:639-642 Jun '79

Health and high command: Stress, sleep and climate change. (Report of a seminar, RUSI, Nov 29, 1978) Brig Harry Pozner, Ret and others. RUSI J for Def Studies 124:18-28 Jun '79

The human factor: What does it mean to logisticians. LtCol Ronald E. Knipfer and Maj Richard V. Badalamente. Illus Log Spectrum pt 1, Physiological factors. 13:23-27 Spring '79; pt 2, Motivation. 13:5-9 Winter '79

In-flight measures of stress reduction due to wearing expandable foam earplugs. H. Wichman and others. tab Aviation, Space & Envmt Med 50:898-900 Sep '79

Mental health. Janet Hake. Illus Soldiers 34:28-31 Sep '79

Outrageous fortune--slings and arrows. Maj Wayne E. Griffith. Illus Interceptor 21:5-11 Jun '79

Physiologic and performance measurements in simulated airborne combined stress environments. Jeffrey S. Bowman and Harald J. von Beckh. tabs Aviation, Space & Envmt Med 50:604-608 Jun '79

Pilot error: The why behind the words. Capt Frank Walker. Aerosp Safety 35:4-5 Mar '79

Psychiatric aspects of adaptation to long submarine missions. Benjamin B. Weybrew and Ernest M. Noddin. tabs Aviation, Space & Envmt Med 50: 575-580 Jun '79

Review of stress in air traffic control: Its measurement and effects. John H. Crump. Aviation, Space & Envmt Med 50:243-248 Mar '79

Stress: How much can a pilot handle? Donna M. Peterson. Illus AF Times 39:51 May 28 '79

Student pilots referred to the Neuropsychiatry Branch, USAFSAM (USAF School of Aerospace Medicine) 1968-78: Implications for selection. Richard A. Levy and others. tabs Aviation, Space & Envmt Med 50:1173-1175 Nov '79

STRESS (PHYSIOLOGY) - Continued

Survival in combat as a collective exchange process.
Frederick J. Kviz. J Pol & Mil Sociol 6:219-232
Fall '78

Time out from tension. Ruanne K. Peters and Herbert
Benson. (Reprinted from Harvard Business Re-
view, Jan-Feb 1978) tabs Def Mgt J 14:22-25
Nov '78

STRESSES see Strains and Stresses

STRIKE COMMAND see Readiness Command

STUBBLEBINE, Albert N., III

C³I for automated focus on intelligence picture.
BrigGen Albert N. Stubblebine III. Army 29:33-34
Mar '79

EW's new dimension. BrigGen Albert N. Stubble-
bine III. Signal 33:36-38 Mar '79

STUBBS, Duane H.

A new commander sets his course. Interview.
BrigGen Duane H. Stubbs. por Review 58:18-20+
Sep-Oct '79

STUNT FLYING see Aerobatics

SUBMARINE BASES see Naval Bases

SUBMARINE WARFARE

See also
Antisubmarine Warfare

Radar and submarines in World War II. CAPT Edward
L. Beach, Ret. illus Def Elect 11:48+ Oct '79

SUBMARINES

Psychiatric aspects of adaptation to long submarine
missions. Benjamin B. Weybrew and Ernest M.
Noddin. tabs Aviation, Space & Envmt Med 50:
575-580 Jun '79

Smaller, lighter, faster, and deeper diving. (New
Soviet submarine "Alpha") CAPT Edward L.
Beach, Ret. illus Def Elect 11:43-46+ Aug '79

Speed in modern warships. Norman Friedman. illus
US Nav Inst Proc 105:150-167 May '79

Design

(RADM) Andrew Irwin McKee, naval constructor.
CDR John D. Alden, Ret. illus US Nav Inst Proc
105:49-57 Jun '79

Underwater weapons for clandestine operations. illus
(Also cutaways) tabs Intl Def Rev 12, No. 2:281-
282 '79

China (People's Republic)

P.R.C. submarine-launched ballistic missile develop-
ment. LCDR Bradley Hahn, Ret. illus tabs US Nav
Inst Proc 105:132-135 Oct '79

Germany

U-boats at war: A study in leadership. MajGen E.H.
Dar. Army Qtr 108:208-219 Apr '78

SUBMARINES - ContinuedNATO

NATO and its submarines. John E. Moore. illus
NATO's Fifteen Nations 23:140+ Special Issue '78

Russia

Soviet ASW--highly capable or irrelevant? Norman
Polmar. illus tabs Intl Def Rev 12, No. 5:721-
729 '79

United States

The case for the SLBM force. Paul A. Chadwell. illus
Natl Def 64:46-47+ Jul-Aug '79

Seafarer, the force multiplier. Jacqueline Srouji.
Def & For Aff Dig 7, No. 3:10-11+ '79

What do submariners do when they aren't under
water? F. Clifton Berry, Jr. illus tab Armed
Forces J Intl 116:16-18 Aug '79

History

(RADM) Andrew Irwin McKee, naval constructor.
CDR John D. Alden, Ret. illus US Nav Inst Proc
105:49-57 Jun '79

Submarine under sail. Henry Douglas Wilkinson.
illus US Nav Inst Proc 105:77-79 Jun '79

SUBMARINES, NUCLEAR POWEREDChina (People's Republic)

The role of the submarine in Chinese naval strategy.
LCDR Richard R. Pariseau. illus US Nav Inst Proc
105:66-69 Oct '79

Great Britain

The future of Britain's strategic nuclear force. AVN
Stewart W. B. Menaul. illus Strat Rev 7:25-33
Summer '79

Russia

Smaller, lighter, faster, and deeper diving. (New
Soviet submarine "Alpha") CAPT Edward L.
Beach, Ret. illus Def Elect 11:43-46+ Aug '79

United States

Beneath the surface: New submarine concepts being
floated. L. Edgar Prina. illus Sea Power 22:17-20
Jun '79

First Trident sub launched. Armed Forces J Intl
116:14 May '79

Pricing ourselves out of the market: The attack sub-
marine program. CAPT Linton F. Brooks. illus
tab Nav War Col Rev 32:2-17 Sep-Oct '79

SALT and the Navy. LT James L. George, Ret. illus
tabs US Nav Inst Proc 105:28-37 Jun '79

What do submariners do when they aren't under
water? F. Clifton Berry, Jr. illus tab Armed
Forces J Intl 116:16-18 Aug '79

History

The Nautilus turns 25. LCDR Stephen V. Mladineo.
illus US Nav Inst Proc 105:73-77 Sep '79

SUBSISTENCE ALLOWANCES

Basic Allowance for Subsistence (BAS): Prevent problems by keeping personnel informed. TIG Brief 31:19 Mar 23 '79

COLA and HA boosted in England. AF Times 40:24 Aug 6 '79

\$ gains on yen; allowances drop. Richard C. Barnard. AF Times 39:1+ May 14 '79

More food \$\$ (for business travel) draws fire. AF Times 40:3 Dec 24 '79

SUBVERSIVE ACTIVITIES

The pattern in Central America. Editorial. David C. Jordan. Strat Rev 7:5-6 Fall '79

SUEZ CANAL

Maritime Egypt: An island in a sea of sand. CAPT Peter F. Block, Ret. illus map US Nav Inst Proc 105:62-69 Aug '79

The Suez crossing. (Interview with MajGen Mohamed Abdel Halim Abou Ghazala) illus Mil Rev 59:2-7 Nov '79

SUGGESTION PROGRAMS

Air Force Suggestion Program. TIG Brief 31:16 Oct 19 '79

Air Force suggestion program: What makes a successful suggester? TIG Brief 31:18 May 4 '79

SUN

Cincinnati Electronics to develop radio solar telescopes. illus Signal 34:94 Oct '79

Some effects of increasing solar activity. illus tabs Combat Crew 29:12-13+ Sep '79

SUPERPORTS see PortsSUPERSONIC FLIGHTSee also

Airplanes, Bomber (Supersonic)
Airplanes, Transport (Supersonic)

SUPERVISION

Busy, busy, busy. TSgt Ellis Mann. illus TAC Attack 19:10-11 Aug '79

Guidance and supervision. LtCol V. Gorlov. illus Soviet Mil Rev No. 8:24-25 Aug '79

How much authority do you delegate? TIG Brief 31:11 Sep 21 '79

How the Navy is tapping management potential. John Walker Hartigan. illus Def Mgt J 15:28-33 Jul-Aug '79

Inadequate supervision: An encouragement to fraud. TIG Brief 31:12 Apr 6 '79

Low supervisory experience: A missile safety concern. TIG Brief 31:20 Oct 19 '79

SUPERVISION - Continued

A new approach to performance evaluation and recognition. Thomas J. Gelli. illus Def Mgt J 15:3-6 Jan '79

Risk assessment--the first step. Maj Alan T. Reid. illus tab TAC Attack 19:4-6 Aug '79

A special note to military supervisors of civilian employees. TIG Brief 31:11 Dec 7 '79

Supervision: Telling it like it is. TIG Brief 31:5 May 18 '79

What makes an outstanding supervisor? TIG Brief 31:15 Jan 26 '79

Where is your supervisory attention really going? TIG Brief 31:19-20 Mar 9 '79

SUPPLYSee also

Depots, Supply

Air Force--U. S.

COCESS (Contractor-Operated Civil Engineer Supplies Store) Materiel Requirements List (MRL). TIG Brief 31:16 Jul 13 '79

Manipulating the supply system: How the customer can prevent it. TIG Brief 31:5 Oct 19 '79

Save the failed parts. TIG Brief 31:9 Jul 2 '79

Army--Russia

Rear support for the Soviet ground forces. C. N. Donnelly. illus tabs Intl Def Rev 12, No. 3:344-350 '79

Army--U. S.

ALOC (Air Line Of Communication)--tomorrow's supply support. BrigGen Francis J. Toner. illus map Army Log 11:15-17 Sep-Oct '79

Logistics and force readiness. LtGen Arthur J. Gregg. illus Army Log 11:2-5 Nov-Dec '79

Low density equipment logistics support. Maj James Brueggeman. tabs Army Log 11:28-31 Mar-Apr '79

Supporting the Army in the eighties. Gen John R. Guthrie. illus Army Log 11:22-25 Sep-Oct '79

USAREUR logistics in the eighties. MajGen Sampson H. Bass, Jr. illus Army Log 11:32-37 Sep-Oct '79

What's a SICC (Service Item Control Center)? illus Army Log 11:10-11 Jan-Feb '79

What's happening to stock availability? tabs Army Log 11:2-5 Mar-Apr '79

SUPPLY MANAGEMENT

Aircraft egress system item shelf/service life extensions. TIG Brief 31:6 Aug 3 '79

COCESS (Contractor-Operated Civil Engineer Supplies Store) Materiel Requirements List (MRL). TIG Brief 31:16 Jul 13 '79

SUPPLY MANAGEMENT - Continued

- How AAFES supplies Europe--the overseas distribution system. illus Review 58:38-39 Jul-Aug '79
- Maintaining medical stock control levels. TIG Brief 31:15-16 Sep 21 '79
- Maintenance shelf-life assets. TIG Brief 31:8 May 4 '79
- Medical-dental stock fund management. TIG Brief 31:7 Mar 23 '79
- Minicomputers at the retail level. LtCol Wendell O. Jones. illus Army Log 11:17-19 Jul-Aug '79
- Modernization of LOX (Liquid OXygen) cart inventory. TIG Brief 31:9 Aug 17 '79
- National Supply System approved. Army Log 11:6-7 Nov-Dec '79
- Rear support for the Soviet ground forces. C.N. Donnelly. illus tabs Intl Def Rev 12, No. 3:344-350 '79
- Repair cycle asset management. TIG Brief pt 1, 31: 5-6 May 4 '79; pt 2, 31:13-14 May 18 '79; pt 3, 31: 7-8 Jun 1 '79
- Shelf-life items. TIG Brief 31:14 Apr 6 '79
- A successful medical Local Purchase (LP) program. TIG Brief 31:7 Jul 13 '79
- USAREUR logistics in the eighties. MajGen Sampson H. Bass, Jr. illus Army Log 11:32-37 Sep-Oct '79
- What's a SICC (Service Item Control Center)? illus Army Log 11:10-11 Jan-Feb '79

SUPREME ALLIED COMMANDER, ATLANTIC see Allied Command AtlanticSUPREME ALLIED COMMANDER, EUROPE see Allied Command EuropeSURFACE EFFECT SHIPS see Air Cushion VehiclesSURGEON GENERALAir Force

- 1st Med(ical) Red Flag held. illus AF Times 40:26 Dec 24 '79

Armed Forces

- Draft doctors, surgeons general say. Richard C. Barnard. AF Times 39:4 Apr 2 '79
- Med school limit--surgeons general protest on Hill. illus AF Times 39:21 Mar 5 '79

SURPRISE IN WARFARE

- Achieving surprise. MajGen L. Korzun. illus Soviet Mil Rev No. 10:15-17 Oct '79
- The calculus of surprise attack. LtCol A. L. Elliott. illus tab AU Rev 30:56-67 Mar-Apr '79

SURVEILLANCE

- The airborne forward air controller--future needs and opportunities. John W. Ellis, Jr. illus AU Rev 30: 38-47 Jan-Feb '79

SURVEILLANCE - Continued

- Computers add new effectiveness to SOSUS (Sound SURveillance System)/Caesar. Jim Bussert. illus Def Elect 11:59-60+ Oct '79
- Naval surveillance and target acquisition. RADM Frederick C. Johnson. Signal 34:13-14 Oct '79
- New surface search radar scheduled to replace Navy's 30-year-old SPS-10. John Beach. Def Elect 11:42 Oct '79
- The people sensors. illus Def & For Aff Dig 7, No. 11:42 '79
- SAC assumes operational management for space surveillance and missile warning resources. BrigGen William L. Shields, Jr. illus map Combat Crew 29: 20-21 Dec '79
- Unmanned captive helicopter-radar system to be incorporated into German Army reconnaissance operations. Wolfram Klaar. illus map Def Elect 11: 33-34+ Oct '79

SURVEYING

- Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

- Work with a topographical surveyor. LtCol E. Makarenko. illus Soviet Mil Rev No. 4:24-25 Apr '79

SURVEYING BY AIR

- Camera in the sky: The Dallin Aerial Surveys Co, 1924-1941. Milton Sheppard. illus Am Avn Hist Soc J 24:13-18 Spring '79

SURVEYS

- Authoritarian attitudes in the United States Army. E.M. Schreiber. tabs Armed Forces & Soc 6:122-131 Fall '79
- Is your training meeting its objectives? TIG Brief 31:20 May 4 '79
- Maintenance officer occupational survey. TIG Brief 31:9 Jun 15 '79

SURVIVAL

- See also
Civil Defense
Evasion and Escape

- Cope Thunder SAR ... a chance to test your skill. Capt William C. Vasser. illus TAC Attack 19:4-7 Jan '79
- The Middle East: Flight safety and survival. Ronald P. Barrett. illus Aerosp Safety 35:20-24 Feb '79
- The sea and thee. SSgt Alfredo Vargas. illus tab Aerosp Safety 35:24-25 Jul '79
- Survival. Regular feature in some issues of Aero-space Safety
- Survival equipment (open water environment). TSgt Charles W. Lovelady. illus tab Aerosp Safety 35: 26-27 Sep '79
- Survival in combat as a collective exchange process. Frederick J. Kviz. J Pol & Mil Sociol 6:219-232 Fall '78

SURVIVAL - Continued

Surviving to fight the active defense. Capt Robert L. Maginnis. illus Infantry 69:23-26 Jul-Aug '79

243 MHZ (Mega-Hertz) beacons: Terrain and the downed flier. Capt M. Stopani-Thompson. (Reprinted from Flight Comment, No. 2, 1979) tabs Aerosp Safety 35:18-20 Oct '79

The ultimate survival kit. Capt James W. Voorhees. illus USA Avn Dig 25:6-7 Dec '79

SURVIVAL EQUIPMENT

See also
Life Preservers

Cold water survival suits for aircrew. G.R. White and N.J. Roth. illus tabs Aviation, Space & Envmt Med 50:1040-1045 Oct '79

Cope Thunder SAR ... a chance to test your skill. Capt William C. Vasser. illus TAC Attack 19:4-7 Jan '79

Does anyone out there care about life support? LtCol Doug Miller. illus Interceptor 21:18-19 Mar '79

Helicopter passenger survival suit standards in the UK offshore oil industry. William L. B. Leese and J. Nelson Norman. illus map tabs Aviation, Space & Envmt Med 50:110-114 Feb '79

The Middle East: Flight safety and survival. Ronald P. Barrett. illus Aerosp Safety 35:20-24 Feb '79

Personal equipment for the combat pilot. Yves Robins. illus Aerosp Intl 15:15-19 Aug-Sep '79

Prepare to survive. Maj Cecil O. Locklear. illus USA Avn Dig 25:42-44 Apr '79

The sea and thee. SSgt Alfredo Vargas. illus tab Aerosp Safety 35:24-25 Jul '79

Survival equipment (open water environment). TSgt Charles W. Lovelady. illus tab Aerosp Safety 35:26-27 Sep '79

243 MHZ (Mega-Hertz) beacons: Terrain and the downed flier. Capt M. Stopani-Thompson. (Reprinted from Flight Comment, No. 2, 1979) tabs Aerosp Safety 35:18-20 Oct '79

The well dressed man (wears nomex). MSgt James A. Patterson, Jr. illus Aerosp Safety 35:24-26 Apr '79

What's new in life support. LtCol Roland D. Guidry. illus TAC Attack 19:4-7 Apr '79

SURVIVAL TRAINING

'Ballout' at Biscayne Bay. (AF teaches water survival at Homestead AFB, FL) Capt Katie Cutler. illus Airman 23:21-28 Aug '79

Cope Thunder SAR ... a chance to test your skill. Capt William C. Vasser. illus TAC Attack 19:4-7 Jan '79

Does anyone out there care about life support? LtCol Doug Miller. illus Interceptor 21:18-19 Mar '79

The Middle East: Flight safety and survival. Ronald P. Barrett. illus Aerosp Safety 35:20-24 Feb '79

SURVIVAL TRAINING - Continued

Staying' alive. (Arctic Survival Training School, Eielson AFB, AK) MSgt David B. Drachlis. illus Airman 23:27-30 May '79

Survival is life--before and after. Sgt Charles H. Jackson III. illus USA Avn Dig 25:12-13 Aug '79

The wet test. (Water survival training at USAF School of Aerospace Medicine, Brooks AFB, TX) Capt Katie Cutler. illus Airman 23:44-48 Jan '79

SURVIVORS RIGHTS AND BENEFITS

Benefits increase '10 percent.' AF Times 40:11 Sep 10 '79

Carter opposition to SBP reform hit. AF Times 40:11 Aug 27 '79

Congress to consider SBP improvements. Andy Plattner. AF Times 39:22 Jan 1 '79

DOD report to Congress: Retirees getting raw deal on SBP. Andy Plattner. AF Times 39:4 Feb 26 '79

DOD to Congress: Drop SBP subsidy. Andy Plattner. AF Times 39:4 Jul 23 '79

The matter of SRB reforms--8 senators vs the White House. AF Times 40:16+ Oct 1 '79

Military lobbyists divided over SBP. Andy Plattner. AF Times 40:3 Dec 24 '79

Reserve Component-Survivor Benefits Plan and you. CAPT Charles S. O'Toole. illus tabs Officer 55:23-25 Sep '79

SBP alternatives needed, panel (Senate Armed Services Committee's Manpower and Personnel Subcommittee) says. AF Times 40:7 Nov 5 '79

SBP improvements bogging down. AF Times 39:8 May 21 '79

SBP improvements unlikely this year. AF Times 40:22 Dec 17 '79

SBP shows troublesome 'profit.' AF Times 39:2 Jun 4 '79

Some spouses regain full SBP annuities. AF Times 40:7 Jul 30 '79

Survivor benefit plan Dec/Jan 1978. illus Air Reservist 31:18 Dec '78-Jan '79

We'll fight for kin, not for pay relief. Interview. MajGen Stanley M. Umstead. illus AF Times 39:7 Jun 25 '79

SUVOROV, Aleksandr V.

The pride of Russia (Alexander Vasilyevich Suvorov (1729-1800)). Maj N. Shakhmagonov. por Soviet Mil Rev No. 11:43-45 Nov '79

SVENDSEN, Leroy W., Jr

Air Force Military Personnel Center. por AF Mag 62:103-104 May '79

SWARZTRAUBER, Sayre A.

The potential battle of the Atlantic. RADM Sayre A. Swartrauber. US Nav Inst Proc 105:108-125 May '79

SWITCHING SYSTEMS

Communications challenges for the 80s. Robert R. Fossum and Vinton G. Cerf. illus map Signal 34: 17-20+ Oct '79

SYLVESTER, George H.

The challenge of technology transition. LtGen George H. Sylvester. Natl Def pt 1, 63:37-39 May-Jun '79; pt 2, 64:38-39+ Jul-Aug '79

SYSTEMS ANALYSIS

See also
Economic Analysis

Analyzing Army's readiness and sustainability. LtGen Eivind H. Johansen. Signal 33:15-16 Jul '79

Marine Corps C⁴ systems architecture. BrigGen William A. Scott, Jr. illus Signal 33:25-27 Jul '79

SYSTEMS ANALYSIS - Continued

System effectiveness in the U.S. Navy. W.J. Wiloughby, Jr. illus Signal 33:20-22 Jul '79

SYSTEMS ENGINEERING

MIL-STD-499A and its application to systems engineering. Elmer L. Peterson. illus Log Spectrum 13:36-37 Winter '79

New DOD instruction on system safety. TIG Brief 31:18 Mar 23 '79

Nuclear safety by design. TIG Brief 31:18 Sep 7 '79

Reliability of system design and testing. CDR Douglas P. Dunbar, Jr. illus Def Mgt J 14:26-30 Nov '78

"Think maintainability"--a word to the designer. Carl B. Wolfram. illus Mil Engr 71:88-89 Mar-Apr '79

What makes METRO run? Joseph P. Greenway. map illus Signal 33:32-36 Jul '79

Your system may be reliable, but is it safe? Donald L. Kurle. illus Aerosp Safety 35:16-17 May '79

TACS see Tactical Air Control System

TAWC see Tactical Air Warfare Center

TDY see Temporary Duty

TOPCAP (Total Objective Plan for Career Airman Personnel)

TOPCAP: Pressure from 'negatives.' Don Mace. AF Times 40:6 Sep 3 '79

TRADOC see Training and Doctrine Command

TRI-TAC PROGRAM

A battlefield automation-communications network. (Convention panel, AFCEA, Washington, June 20, 1979) BrigGen Walter E. Adams and others. illus tabs Signal 33:96-117 Aug '79

TRI-TAC--an ambitious U.S. joint tactical communications program. Gowri S. Sundaram. illus tab Intl Def Rev 12, No. 4:568-572 '79

TSARCOM see Army Troop Support and Aviation Materiel Readiness Command

TACAN

The plastic overlay trick--alternate rendezvous method. Maj John M. Ravenel. illus tabs Navigator 26: 12-13 Spring '79

Shields for mobile units being tested at Tinker (AFB, OK). Stephanie A. Carter. AF Times 39:59 Mar 12 '79

Why not Tacan? CW3 Harry P. Arthur. illus USA Avn Dig 25:22-23 Dec '79

TACTICAL AIR COMMAND

See also
Air Force, 9th
Air Force, 12th
Air Force Southern Air Division (TAC)

Blue Flag. Capt Thomas J. Norton. illus AU Rev 30: 58-68 Jan-Feb '79

J-CATCH (Joint Countering ATtCk Helicopters). Capt Joe Vallimont. illus TAC Attack 19:24-28 Mar '79

Leadership, discipline, airmanship. Col Robert D. Anderson. illus TAC Attack pt 1, 19:26-27 Nov '79; pt 2, 19:24-25 Dec '79

POMO (Production Oriented Maintenance Organization) and POST (Production Oriented Scheduling Techniques): keystones of TAC readiness. David A. Anderton. illus AF Mag 62:46-50 Jan '79

Red Flag: 'Soviet' air base in the desert. Len Famigletti. AF Times 39:14 Mar 26 '79

Red Flag: The closest thing to actual combat without being shot at. John Joss. illus tab Elect Warfare/Def Elect 11:69-70+ Feb '79

Reflections from a Red Flag. Gen T. R. Milton, Ret. illus AF Mag 62:51-55 Jan '79

TACTICAL AIR COMMAND - Continued

TAC and TRADOC talk a lot, but do they communicate? Interviews. Gens Donn A. Starry and W. L. Creech. illus Armed Forces J Intl 117:27-28+ Sep '79

TAC: Ready to fly and fight. F. Clifton Berry, Jr. illus AF Mag 62:47-52+ Dec '79

TAC vetoes LDOs (Limited Duty Officers). AF Times 40:43 Aug 6 '79

TAC's newest members. illus TAC Attack pt 1, 19: 4-7 Oct '79; pt 2, 19:4-7 Nov '79

Tactical Air Command. illus charts AF Mag 62:88-90 May '79

TACTICAL AIR CONTROL SYSTEM

AN/TSQ-73 Missile Minder. Sgt1C Charles D. Myers. illus Air Def Mag, pp 36-38, Apr-Jun '79

TACS changes causing 2000 AF, ANG job cuts. tab AF Times 39:12 Jul 2 '79

TACTICAL AIR FORCES

NATO

Tactical air power in armored warfare--the divergence within NATO. Steven L. Canby. illus AU Rev 30:2-20 May-Jun '79

The 81st Tactical Fighter Wing. F. Clifton Berry, Jr. illus map Armed Forces J Intl 116:18-19 Jun '79

Russia

Tactical air defense--a Soviet-U.S. net assessment. Maj Tyrus W. Cobb. illus tab AU Rev 30:18-39 Mar-Apr '79

United States

Shaw (AFB, SC)--recce country, home of tactical reconnaissance. Capt Mike Peterson. illus TAC Attack 19:20-21 Aug '79

Tac recce developments: New plane, sensors, RPVs needed. illus tab Armed Forces J Intl 116:36+ Jul '79

Tactical air defense--a Soviet-U.S. net assessment. Maj Tyrus W. Cobb. illus tab AU Rev 30:18-39 Mar-Apr '79

Tactical air power in armored warfare--the divergence within NATO. Steven L. Canby. illus AU Rev 30:2-20 May-Jun '79

Tactical reconnaissance at a turning point. F. Clifton Berry, Jr. illus Armed Forces J Intl 116:32-33+ Jul '79

U.S. defense policy: The problem is not more money. Steven L. Canby. tabs AEI For Plcy & Def Rev 1, No. 3:23-36 '79

TACTICAL AIR WARFARE CENTER

Blue Flag. Capt Thomas J. Norton. illus AU Rev 30: 58-68 Jan-Feb '79

The talk is TAWC. Robert K. Ruhl. illus Airman 23: 32-36 Jul '79

TACTICAL AIR WARFARE CENTER - Continued

War in a very small place. (AF trains senior battle managers with Blue Flag exercises at Eglin AFB, FL) Robert K. Ruhl. illus Airman 23:16-20 Aug '79

TACTICAL COMMUNICATIONSSee also

TRI-TAC Program
Tactical Satellite Communications

A battlefield automation-communications network. (Convention panel, AFCEA, Washington, June 20, 1979) BrigGen Walter E. Adams and others. illus tabs Signal 33:96-117 Aug '79

C³I communications vital in integration of the force-multipliers. MajGen William J. Hilsman. illus Army 29:36-38 Mar '79

Combat information: The key force multiplier. GDR Richard E. Pearsall and LtCol Richard C. Wheeler. illus Signal 34:45-47 Oct '79

Four roads to integrated tactical communication. R. J. Raggett. illus NATO's Fifteen Nations 24:75-76+ Feb-Mar '79

GPS (Global Positioning System) is on the ground. Leonard J. Jacobson. illus Signal 33:47-48 Mar '79

New radar sets for the Air Force. illus Signal 33:74 Jul '79

'Quick death' instead of radios. Maj Larry D. Gable. tab MarCor Gaz 63:30-32 May '79

Tactical C³ architecture 1985-1995. (Convention panel, AFCEA, Washington, June 19, 1979) Everett D. Greinke and others. illus Signal 33:63-81 Aug '79

Tactical portable communications: New technology trends for cost effectiveness. Paul L. Mast. tabs Signal 33:93-96 May-Jun '79

Tactical pos/nav (positioning/navigation) for the 1990 air/land battlefield. (Convention panel, AFCEA, Washington, June 21, 1979) Kostas J. Liopiros and others. illus tabs Signal 33:118-120 Aug '79

Target: The spoken word. LtCol Don E. Gordon. illus Army 29:20-24 Sep '79

Transportable transmitting and receiving station. Signal 33:79 Jul '79

U.S. and Australian Navies communications interoperability--an indispensable requirement for the Australian Navy. Commodore John A. Robertson, Ret. illus Signal 33:61-63+ May-Jun '79

Testing

Air Force testing emergency communications system. illus Signal 34:81 Nov-Dec '79

TACTICAL FIGHTER WEAPONS CENTERSee also

Fighter Weapons School

TACTICAL FORCES see General Purpose Forces;
Tactical Air Forces

TACTICAL SATELLITE COMMUNICATIONS

Ground mobile tactical satellite terminals in production. illus Def Elect 11:30-31 Jun '79

TACTICAL SATELLITE COMMUNICATIONS - Continued

Tactical pos/nav (positioning/navigation) for the 1990 air/land battlefield. (Convention panel, AFCEA, Washington, June 21, 1979) Kostas J. Liopiros and others. illus tabs Signal 33:118-120 Aug '79

Trends in protected communications. (Convention panel, AFCEA, Washington, June 20, 1979) George L. Salton and others. illus Signal 33:85-95 Aug '79

TACTICAL WARFARE

Increased air-to-air specialization training: An alternative. Maj Donald J. Alberts and Capt Leroy Mock. illus AU Rev 30:2-14 Nov-Dec '78

Nuclear survivability of military equipment. Maj J. P. Munnery. illus Intl Def Rev 12, No. 7:1107-1110 '79

Nuclear war: The tactical option. Guest editorial. VADM John T. Hayward, Ret. illus Mil Elect/Countermeasures 5:32-33 Feb '79

Soviet tactics for overcoming NATO anti-tank defenses. C. N. Donnelly. illus tabs Intl Def Rev 12, No. 7:1099-1106 '79

Tactical air power in armored warfare--the divergence within NATO. Steven L. Canby. illus AU Rev 30:2-20 May-Jun '79

Tactical doctrine or dogma? Maj Richard Hart Sinnreich. illus Army 29:16-19 Sep '79

Tactical logistics. LtCol David D. Skidmore. illus tabs Armor 88:18-20 Mar-Apr '79

Tactical nuclear weapons. John Marriott. Army Qtr 108:142-148 Apr '78

Tactical problems facing the Soviet Army: Recent debates in the Soviet military press. C. N. Donnelly. (Reprinted from International Defense Review, Vol 11, No. 9, 1978) illus Mil Rev pt 1, 59:18-26 Jun '79; pt 2, 59:60-68 Jul '79

Study and Teaching

LIFT (Lead-In Fighter Training) molds the fighter force. illus AF Times 40:44 Sep 3 '79

Sharpening the fighting edge. (Allied Air Forces, Central Europe's Tactical Leadership Program (TLP)) LtCol David Jaquish. illus USAF Ftr Wpns Rev, pp 1-3+, Winter '78

TACTICSSee also

Attack and Defense (Military Science)

Chinese defense strategy: A historical approach. Maj Stanley E. Henning. illus Mil Rev 59:60-67 May '79

A dying issue. Capt Charles M. Williams. illus Fld Arty J 47:32-34 Sep-Oct '79

Exploitation. LtCol Joseph P. Frankoski. illus maps Armor 88:21-23 Jan-Feb '79

The Infantry Fighter Vehicle. Col Daniel K. Malone. illus Natl Def 64:40-45+ Jul-Aug '79

Leadership and tactical reflections on the battle for Quang Tri. LtCol Richard B. Rothwell. illus maps MarCor Gaz 63:34-35+ Sep '79

TACTICS - Continued

- Modern Soviet artillery doctrine and practice. Christopher Donnelly. illus tab NATO's Fifteen Nations 24:48-50+ Jun-Jul '79
- New tactics and beyond. David P. Porreca. illus Mil Rev 59:21-29 May '79
- The problem with the attack helicopter. Maj William V. Chiaramonte. illus Mil Rev 59:48-55 Jun '79
- Rear area combat operations. Maj John B. Reisz. illus Mil Rev 59:61-71 Dec '79
- SEATAG (SEA control Tactical Analysis Game): More than a game. CDR Robert M. Nutwell. illus US Nav Inst Proc 105:101-103 Feb '79
- Seventy years on: Similarities between the modern Soviet Army and its Tsarist predecessor. Christopher Bellamy. illus RUSI J for Def Studies 124: 29-38 Sep '79
- Some second thoughts on the Army's blueprint for future land warfare. Martin Blumenson. Natl Guard 33:18-20 Mar-Apr '79
- Soviet ground tactics. Maj Edward H. Cabaniss IV. illus Mil Rev 59:37-45 Dec '79
- Soviet tactics for overcoming NATO anti-tank defenses. C.N. Donnelly. illus tabs Intl Def Rev 12, No. 7:1099-1106 '79
- The Suez crossing. (Interview with Maj Gen Mohamed Abdel Halim Abou Ghazala) illus Mil Rev 59:2-7 Nov '79
- Tactical complacency: Change now or fall later. LCDR Miles A. Libbey III. illus US Nav Inst Proc 105:36-43 Apr '79
- Tactical doctrine or dogma? Maj Richard Hart Sinnreich. illus Army 29:16-19 Sep '79
- Tactical problems facing the Soviet Army: Recent debates in the Soviet military press. C.N. Donnelly. (Reprinted from International Defense Review, Vol 11, No. 9, 1978) illus Mil Rev pt 1, 59:18-26 Jun '79; pt 2, 59:60-68 Jul '79
- Terrain analysis. LtCol Joseph C. Gross III and Maj Harry B. Beam. illus Armor 88:17-20 Jan-Feb '79
- Time out for tactics. LCDR Miles A. Libbey III. illus US Nav Inst Proc 105:52-57 Jan '79
- "... work the people problem in a coupling of the technology." Interview. Walter B. LaBerge. illus Armed Forces J Intl 117:20+ Dec '79

History

- The disaster that might not have been. Col Waller B. Booth, Ret. illus Army 29:26-30 Apr '79

TACTICS, AIR

- Air combat: Something old--something new. CW3 Robert L. Baird. illus USA Avn Dig 25:1-4 Apr '79
- Air superiority at the treetops. LtCol Retsae H. Miller. illus Mil Rev 59:2-9 Mar '79
- Airborne anti-tank capabilities scrutinized. (Exercise TASVAL) Richard Hartman. illus tabs Def Elect pt 1, 11:53-54+ Nov '79; pt 2, 11:54-55+ Dec '79

TACTICS, AIR - Continued

- Attack helicopter fundamental tactics. Col John C. Bahnsen. illus USA Avn Dig 25:6-8 Apr '79
- BFM and the Eagle Jet. Maj Russell A. Everts. illus USAF Ftr Wpns Rev, pp 15-17, Winter '78
- A bigger bag of tricks. Cpts John G. Shriever and Edward J. Wiesner, Jr. illus MAC Flyer 26:14-15 Jul '79
- Can the A-10 Thunderbolt II survive in Europe? Charles Gilson. illus tabs Intl Def Rev 12, No. 2: 184-189 '79
- Close air support tactics: A low-altitude view. Maj Robert O'Rourke. illus US Nav Inst Proc 105:107-109 Apr '79
- The emperor's close air support. GpCapt Ian Madelin. illus AU Rev 31:82-86 Nov-Dec '79
- Flying 'Maple Flag.' David Healy. illus Aerosp Safety 35:11-13 Nov '79
- J-CATCH (Joint Countering ATtack Helicopters). Capt Joe Vallimont. illus TAC Attack 19:24-28 Mar '79
- Nesterovs, Knobelsdorffs und Mach kein Scheiss. Maj Gregg Swanson. illus USAF Ftr Wpns Rev, pp 26-29, Summer '79
- Optimizing the low altitude dive recovery maneuver. Clarence Mongold. illus tabs Aerosp Safety 35: 4-6 Oct '79
- Soviet close air support: An indispensable comrade in combined arms operations. Cpts Richard F. Riccardelli and Gary L. Jackson. illus tab Mil Rev 59: 11-20 May '79
- Testing air tactics and hardware. (Address to a symposium on air-to-air combat co-hosted by the Air Force Directorate of Concepts and Analyses and the USAF Tactical Fighter Weapons Center, Washington, Aug 1978) Thomas P. Christie. AF Plcy Ltr for Comdrs: Sup No. 1:23-33 Jan '79
- Weapons officer: Air to air. Capt Bill Hamilton. illus USAF Ftr Wpns Rev, pp 2-12, Fall '79

Study and Teaching

- Increased air-to-air specialization training: An alternative. Maj Donald J. Alberts and Capt Leroy Mock. illus AU Rev 30:2-14 Nov-Dec '78
- The 'little white mice' that fly. (T-38s are used to train tactical fighter aircrews at Holloman AFB, NM) A1C Thomas R. Power. illus Airman 23:17-20 Sep '79
- Red Flag in perspective. Maj Gerald R. Volloy. illus USAF Ftr Wpns Rev, pp 2-5, Spring '79
- Red Flag: The closest thing to actual combat without being shot at. John Joss. illus tab Elect Warfare/Def Elect 11:69-70+ Feb '79
- Sharpening the fighting edge. (Allied Air Forces, Central Europe's Tactical Leadership Program (TLP)) LtCol David Jaquish. illus USAF Ftr Wpns Rev, pp 1-3+, Winter '78

TAIWAN see China (Republic)

TALLMAN, Kenneth L.

Air Force Academy. por AF Mag 62:114 May '79

TANK WARFARE see Armored WarfareTANKERS

See also
Oilers (Ships)

Global Hope aground: Chronicle of an oil spill. LCDR Kent W. Mathews. illus US Nav Inst Proc 105:127-130 Oct '79

TANKS, MILITARY

Horsemen of the Apocalypse. illus Def & For Aff Dig 7, No.9:13-15+ '79

O, for a horse with wings. David Harvey. illus tab Def & For Aff Dig 7, No.9:4-7+ '79

Tank-automotive news. Regular feature in some issues of National Defense

Tank versus helicopter. LtCol Charles W. Abbey. Armor 87:34-36 Nov-Dec '78

Armament

The case against tank-delivered scatterable mines. Maj Glenn F. Rogers, Jr. illus tabs Mil Rev 59:11-21 Dec '79

Japan's Type 74 Main Battle Tank. Kensuke Ebata. illus tab Intl Def Rev 12, No.9:1538-1542 '79

SFCS 600--a cost-effective fire-control system for tanks. R.M. Ogorkiewicz. illus tabs Intl Def Rev 12, No.8:1421-1423 '79

The U.S. armoured combat vehicle technology program--a closer look. R.M. Ogorkiewicz. illus Intl Def Rev 12, No.5:811-815 '79

The U.S. Army's armoured combat vehicle technology program: Blueprint for a lightweight main battle tank. R.D.M. Furlong. illus Intl Def Rev 12, No.1:16-17 '79

Characteristics

Cougar: A Canadian cat. Capt Paul A. Philcox. illus tab Armor 88:17-19 Nov-Dec '79

Japan's Type 74 Main Battle Tank. Kensuke Ebata. illus tab Intl Def Rev 12, No.9:1538-1542 '79

Leopard 1A1 m. Z. illus Armor 88:27-29 Nov-Dec '79

NKPx: The Swiss tank for the 90s? Rudi Meller. illus tabs Intl Def Rev 12, No.7:1079-1082 '79

TAM-4: Thyssen-Henschel improves its 30-t tank. Wolfgang Schneider. illus tabs Intl Def Rev 12, No.3:411-414 '79

Design

The U.S. armoured combat vehicle technology program--a closer look. R.M. Ogorkiewicz. illus Intl Def Rev 12, No.5:811-815 '79

The U.S. Army's armoured combat vehicle technology program: Blueprint for a lightweight main battle tank. R.D.M. Furlong. illus Intl Def Rev 12, No.1:16-17 '79

XM-1 engine failed on average of once every 338 miles in tests. illus Armed Forces J Intl 116:12 May '79

TANKS, MILITARY - ContinuedPower Plants

Why gas turbines for tanks? John L. Mason. illus tabs Intl Def Rev 12, No.9:1535-1537 '79

Safety Measures

Countering the crew-compartment explosion--an automatic fire suppression system from Hughes. R.J.L. Dicker. illus tab Intl Def Rev 12, No.5:816-818 '79

Study and Teaching

ELSAP 2000: A turret simulator for tank-crew training. Maj E. Stettler. illus tab Intl Def Rev 12, No.3:406-410 '79

Canada

Cougar: A Canadian cat. Capt Paul A. Philcox. illus tab Armor 88:17-19 Nov-Dec '79

Germany (Federal Republic)

Leopard 1A1 m. Z. illus Armor 88:27-29 Nov-Dec '79

TAM-4: Thyssen-Henschel improves its 30-t tank. Wolfgang Schneider. illus tabs Intl Def Rev 12, No.3:411-414 '79

Weapon system series: Leopard 2. illus NATO's Fifteen Nations 24:87-88+ Apr-May '79

Japan

Japan's Type 74 Main Battle Tank. Kensuke Ebata. illus tab Intl Def Rev 12, No.9:1538-1542 '79

NATO

Leopard 1A1 m. Z. illus Armor 88:27-29 Nov-Dec '79

Russia

Tactical problems facing the Soviet Army: Recent debates in the Soviet military press. C.N. Donnelly. (Reprinted from International Defense Review, Vol 11, No.9, 1978) illus Mil Rev pt 1, 59:18-26 Jun '79; pt 2, 59:60-68 Jul '79

History

Prelude to disaster. Eric J. Grove. illus Armor 88:15-19 May-Jun '79

Switzerland

NKPx: The Swiss tank for the 90s? Rudi Meller. illus tabs Intl Def Rev 12, No.7:1079-1082 '79

United States

Army to buy 110 XM-1s in '80, future buys uncertain. Robin J. Stein. Armed Forces J Intl 116:12 Jun '79

Division restructuring: A battalion commander's view. LtCol Richard F. Kolasheski. illus Armor 87:18-23 Nov-Dec '78

Knights in armor: Across the Texas range in a broken-down dumpster. Fred Reed. illus AF Times, Times Magazine sup:6-12+ May 21 '79

Tank retrievers. Edward F. Bashaw. illus Armor 87:38-40 Nov-Dec '78

TANKS, MILITARY - ContinuedUnited States - Cont'd

KM-1 engine failed on average of once every 338 miles in tests. illus Armed Forces J Intl 116:16 May '79

History

Living history (at the Patton Museum). LtCol R.R. Taylor, Jr, Ret. illus Armor 88:62-65 Jul-Aug '79

TARGET ACQUISITION

See also
Detection Equipment

Battlefield laser target designation. D.A. Malcolm, tab illus RUSI J for Def Studies 124:73-78 Jun '79

Computerized JMEM (Joint Munitions Effectiveness Manual). Capt Ed Atkins. illus tabs USAF Ftr Wpns Rev, pp 16-17+, Summer '79

F/4 AIM 7 boresight shots. Maj Guy S. Gardner. illus tab USAF Ftr Wpns Rev, pp 20-24, Fall '79

Helmet-mounted sight allows pilot to keep head up, hands free. illus Def Elect 11:35 Sep '79

High threat environment. Capt Steve Woodford. illus tabs USAF Ftr Wpns Rev, pp 11-14, Winter '78

High threat target acquisition. Capt Duane W. Clawson. illus USAF Ftr Wpns Rev, pp 6-8, Spring '79

ISTA (Intelligence, Surveillance, and Target Acquisition) in the 80s--the Army concept. MajGen Fred K. Mahaffey. illus Signal 34:39-42 Oct '79

Low level navigation: A fresh approach. Capt John Miller. illus USAF Ftr Wpns Rev, pp 9-16, Spring '79

Naval surveillance and target acquisition. RADM Frederick C. Johnson. Signal 34:13-14 Oct '79

(New night attack system, Target Recognition and Attack Multi-sensor--TRAM) illus Signal 33:180 May-Jun '79

Perceptual pops. Capt Chuck Mitchell. illus USAF Ftr Wpns Rev, pp 27-31, Spring '79

Phalanx in production for the U.S. Navy. J. Philip Geddes. illus Intl Def Rev 12, No. 9:1583-1584 '79

TEREC--the USAF's Tactical Electronic REConnaissance system. Gowri S. Sundaram. illus Intl Def Rev 12, No. 1:118-120 '79

Tactical reconnaissance for the 1980s: A close-up look at the TR-1 and QSR. LtGen Charles A. Gabriel. illus Signal 34:9-11 Oct '79

Unlocking the B-scope. Capt John Locke. illus USAF Ftr Wpns Rev, pp 17+, Spring '79

WRCS (Weapons Release Computer System) express. Capt Mike Livengood. illus USAF Ftr Wpns Rev, pp 22-25, Summer '79

TARGET ANALYSIS

Battle positions. Maj Patrick J. Bodelson and Capt Dwight C. McLemore. illus Armor 88:5-10 Mar-Apr '79

TARGET IDENTIFICATION see Target Acquisition

TARGET RANGES see Bombing and Gunnery Ranges

TARGETS, AERIAL

See also
Drones

TARGETS AND TARGETING

Army electronics future mirrored in chip program. Murry Shohat. illus Mil Elect/Countermeasures 5:41-43 Jul '79

Nuclear strategy: The case for a theory of victory. Colin S. Gray. Intl Sec 4:54-87 Summer '79

TAXES AND TAXATION

The basics of corporate accounting. Dallas R. Blevins. tab Armed Forces Compt 24:16-18 Nov '79

Effort aimed at ending military tax protection. Tom Philpott and Douglas Farquhar. AF Times 39:21 Jan 22 '79

IRS and the Reserve Forces, or ... Maj John M. Vest. illus Officer 55:23-25 Feb '79

It's tax time again. SGM Bruce N. Bant. illus tab Soldiers 34:46-50 Jan '79

Low-income members due \$\$\$. Don Mace. AF Times 39:3 Jul 23 '79

New law eases way for absentee voters. M.L. Craver. AF Times 39:6 Jan 1 '79

Retirement supplement. AF Times 39:32p sup opposite p T-2 Feb 26 '79; 39:28p sup opposite p 30 Jul 9 '79; 28p sup opposite p 40 Nov 12 '79

Services differ in tax help they offer. M.L. Craver. AF Times 39:7 Mar 12 '79

Tax guide. Capt Robert M. Lantz, Jr. illus Air Reservist 31:18-19+ Feb '79

Tax provisions snag retirement plan. Andy Plattner. AF Times 39:11 Jul 16 '79

Tax tips for members of the Guard. illus Natl Guard 33:13-15 Feb '79

Taxes. AF Times 39:4p sup opposite p 30 Feb 26 '79

Thousands may get tax credit break. Tom Philpott. AF Times 39:1+ Mar 5 '79

TAYLOR, Maxwell D.

Changing military priorities. Gen Maxwell D. Taylor, Ret. AEI For Plcy & Def Rev 1, No. 3:2-13 '79

The good officer. Gen Maxwell D. Taylor, Ret. (Abridged from Army, May 1978) US Nav Inst Proc 105:80-81 Jun '79

TEACHERS AND TEACHING

See also
Instructor Pilots

AS100 and the group project. Capt Richard A. Ranker. illus tab Educ J 21:16-19 '78/'79

Games for unlecturing. Sivasallam Thilagaranjan. (Reprinted from Educational Technology, Oct 1978) illus Educ J 21:39-40 '78/'79

TEACHERS AND TEACHING - Continued

Improving classroom instruction with student feedback. Gerald Douglass Bailey. (Reprinted from Educational Technology, Oct 1978) illus Educ J 21:41-45 '78/'79

Is your training meeting its objectives? TIG Brief 31:20 May 4 '79

Lecturing in the ROTC classroom. John A. Kline. illus Educ J 21:34-38 '78/'79

Lure of teaching o'seas is waning--more jobs seen (for military dependents). AF Times 40:7 Nov 19 '79

Reserve Officer's Training Corps. Capt Frank E. Hosek. illus Air Def Mag, pp 17-18, Jul-Sep '79

TEACHING MACHINES see Programmed Learning

TECHNICAL AID TO FOREIGN COUNTRIESAfrica

Logistics support at little or no cost: A new concept. Sydney Eckman. illus map Log Spectrum 13:41-44 Fall '79

TECHNICAL EDUCATION see Education, Technical

TECHNICAL ORDERS

Annotation of AFTO Form 100A/781E, 'Accessory Replacement Record.' TIG Brief 31:8 Feb 9 '79

Approaches to support data challenges. H.J. Correale. illus Log Spectrum 13:21-24 Summer '79

Equipment historical records, AFTO Form 95. TIG Brief 31:13 Jul 13 '79

Improper interpretation or altering of engine historical records can cause aircraft accidents. TIG Brief 31:7 May 4 '79

Safety TCOT compliance by maintenance personnel. TIG Brief 31:13 Apr 6 '79

Teaching today's soldier. Dorothy J. Edwards. illus Army Log 11:14-16 Nov-Dec '79

Technical data compliance. TIG Brief 31:12 Mar 23 '79

Verification of technical orders. TIG Brief 31:10 Apr 20 '79

TECHNICAL PERSONNEL see Manpower, Technical

TECHNICAL WRITING

Read before you write. TIG Brief 31:18 Oct 19 '79

The readability problem--a logistics quality assurance approach. Frank J. Wojcicki. tabs illus Log Spectrum 13:6-15 Spring '79

TECHNOLOGYSee also

War and Technology

Aeronautical systems for the eighties. (Presentation, California State Convention, Air Force Assoc, Norton AFB, CA, May 18, 1979) LtGen Lawrence A. Skantze. AF Plcy Ltr for Comdrs: Sup No. 8: 29-37 Aug '79

TECHNOLOGY - Continued

Basic research in the Air Force. (Presentation, 5th Annual Mini-symposium on Aerospace Science and Technology, Wright-Patterson AFB, OH, March 21, 1979) Harry L. Van Trees. AF Plcy Ltr for Comdrs: Sup No. 8:11-16 Aug '79

C³ for automated control of tomorrow's battlefield. MajGen Fred K. Mahaffey. illus Army 29:26-30 Mar '79

The challenge of C³. (Address, AFCEA Rome-Utica-Syracuse Chap, Dec 13, 1978) Lloyd K. Mosemann II. illus Signal 33:69-71+ May-Jun '79

The challenge of M-X. LtGen Thomas P. Stafford. illus Signal 34:8-12 Sep '79

The challenge of technology transition. LtGen George H. Sylvester. illus Natl Def pt 1, 63:37-39 May-Jun '79; pt 2, 64:38-39+ Jul-Aug '79

(DOD basic research, exploratory development, and advanced technology) Interview. Ruth M. Davis. illus Mil Elect/Countermeasures 5:25+ Sep '79

DOD manufacturing technology program. Lloyd L. Lehn. illus Natl Def 63:42-44+ May-Jun '79

Data analysis for defense. Y.S. Touloukian. illus tabs Natl Def 63:45-49 May-Jun '79

Defense technology: Moving into space. Edgar Ulsamer. AF Mag 62:46-51 Jun '79

Directed energy weapons. Paul A. Chadwell. illus tab Natl Def 64:56-62 Nov-Dec '79

Electronic environments. Regular feature in some issues of Defense & Foreign Affairs Digest

Electronic warfare integration & planning. Gen Alton D. Slay. illus Signal 33:16+ Mar '79

Exploring technology. Harold Brown. illus tabs Command Plcy 2: entire issue Aug '79

Federal policy and the private sector. ADM Jon L. Boyes, Ret. Signal 33:124-125 May-Jun '79

Future Navy C2: A Testbed glimpse. LCDR Andrew J. Dietzler and Col Kenneth L. Moll, Ret. illus US Nav Inst Proc 105:120-124 Oct '79

The future of the strategic deterrent. (Presentation, Air Force Assoc, Los Angeles, Aug 3, 1979) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup No. 10:2-7 Oct '79

Managing Defense science and technology. Ruth M. Davis. tab Natl Def 63:28-30+ May-Jun '79

Military command and control (C²). Robert E. Conley. illus Signal 33:14-17 Jan '79

Military satellite communications systems: Directions for improvement. Paul Rosen. tab Signal 34:33-34+ Nov-Dec '79

Millimetre waves--the much-awaited technological breakthrough? Gowri S. Sundaram. illus tabs Intl Def Rev 12, No. 2:271-277 '79

Modern weapon technology. Regular feature in some issues of RUSI Journal for Defence Studies

NATO needs: A challenge to industries. (Remarks, Electronics Industries Symposium, Los Angeles, Oct 25, 1978) BrigGen Walter B. Ratliff. AF Plcy Ltr for Comdrs: Sup No. 2:16-26 Feb '79

TECHNOLOGY - Continued

- New technology: Concepts in transportation for the 1980's. illus Def Trans J 35:6-8+ Dec '79
- New weapons technologies: Implications for defense policy. Robert Kennedy. illus tab Parameters 9: 64-75 Jun '79
- Ocean control: Soviet ASW technology. Jim Bussert. illus tabs Mil Elect/Countermeasures pt 1, 5:40+ Sep '79; pt 2, 5:43+ Nov '79
- Offshore technology. Regular feature in issues of Military Engineer
- Our dependence on electronics. (Remarks, Electronic Industries Assoc, Configuration and Data Management Workshop, Philadelphia, PA, Oct 23, 1978) LtGen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup No. 1:16-22 Jan '79
- Paying for new technology. (Remarks, Air Force Assoc National Symposium, Los Angeles, Oct 27, 1978) Gen Alton D. Slay. AF Plcy Ltr for Comdrs: Sup No. 2:2-9 Feb '79
- Pooling technology for peace. Bruce Callander. AF Times 40:14+ Oct 22 '79
- R&D: Soviet and the U.S. John T. Hayward. Govt Exec 11:42+ Sep '79
- Should the U.S. settle for second place? C.W. Borklund. illus Govt Exec 11:30+ Nov '79
- Soviet professional scientific and engineering manpower. Jill E. Heuer. illus tabs AU Rev 30:62-67 Jul-Aug '79
- Soviets moving fast in R&D, Hill told. William J. Perry. AF Times 39:20 Mar 19 '79
- Tactical portable communications: New technology trends for cost effectiveness. Paul L. Mast. tabs Signal 33:93-96 May-Jun '79
- Technical information notes. Regular feature in issues of National Defense beginning with May-June 1979
- Technology and warship design: Capturing the benefits. CAPT W. F. Fahey. illus Nav War Col Rev 31:41-48 Winter '79; Comment. Nav War Col Rev 32:85-92 Sep-Oct '79
- Technology \$\$ unaccounted for. AF Times 40:34 Oct 8 '79
- Top management's role in defense technology development for electronics. Kenneth C. Mundell. Signal 33:29-30 Jul '79
- The tough task of White House information automation. illus Govt Exec 11:26-27 Sep '79
- The U.S. armoured combat vehicle technology program--a closer look. R. M. Ogorkiewicz. illus Intl Def Rev 12, No. 5:811-815 '79
- U.S., Soviet education. (Edited from address, AFIT, Dec 1978) Charles W. Duncan, Jr. AF Times 39:14+ Jan 8 '79
- User roles in Air Force C³ systems. MajGen William R. Yost. tabs Signal 33:18-19 Jul '79
- Watch out! Here comes another camel! Col R. A. Foyle, Ret. illus Signal 33:77-80 May-Jun '79

TECHNOLOGY - Continued

- What the Air Force means to me. (Presentation, Utah Air Force Assoc, April 20, 1979) MajGen L.M. Killpack. AF Plcy Ltr for Comdrs: Sup No. 6: 24-29 Jun '79

Educational Applications
See Educational Technology

International Cooperation

- The continuing complexities of technology transfer. Maurice J. Mountain. Govt Exec 11:42+ Jan '79
- Controls on West-to-East technology transfer. William A. Root. Def Sys Mgt Rev 2:44-52 Winter '79
- France and NATO: An ambiguous relationship. G. Chambost. illus Intl Def Rev 12, No. 4:526-530 '79
- The French 75: An early experiment in standardization. Col Daniel K. Malone. illus Natl Def 63:40-46 Mar-Apr '79
- Industrial considerations in transatlantic weapons cooperation. Robert A. Gessert. illus tabs Intl Def Rev pt 1, European industry and political perspectives. 12, No. 6:921-930 '79; pt 2, Alternative approaches and some implications for the future. 12, No. 7:1131-1135 '79
- The need for defense oriented science & technology policies in smaller NATO countries: The Canadian Avro Arrow as a case study. Daniel R. Perley. illus tabs Def & For Aff Dig pt 1, 7, No. 4:4-7+; pt 2, 7, No. 5:17-22+ '79
- One voice in Europe. Gen George S. Blanchard. illus Army 29:22-26 Jan '79
- Patents and technology transfer. William O. Quesenberry. Def Sys Mgt Rev 2:16-21 Winter '79
- Pentagon endorses Family of Weapons concept. Rudi Meller. illus tab Intl Def Rev 12, No. 5:702-703 '79
- Technology transfer in a competitive environment. Charles S. Haughey. Def Sys Mgt Rev 2:27-34 Winter '79
- Transatlantic science--a unique programme. Nimet Ozdag. illus NATO's Fifteen Nations 24:181-182+ Oct-Nov '79

TECHNOLOGY TRANSFERSee also

Technology--International Cooperation

- Controls on West-to-East technology transfer. William A. Root. Def Sys Mgt Rev 2:44-52 Winter '79
- The Federal Laboratory Consortium for Technology Transfer. Robert C. Crawford. Def Sys Mgt Rev 2:53-64 Winter '79
- IAI (Israeli Aircraft Industries) goal: \$100-million in sales to DOD next year, ease technology transfer. Benjamin F. Schemmer. illus Armed Forces J Intl 116:12+ Aug '79
- Limitations on the right to transfer technology. LtCol H. M. Hogen. Def Sys Mgt Rev 2:35-43 Winter '79
- Patents and technology transfer. William O. Quesenberry. Def Sys Mgt Rev 2:16-21 Winter '79

TECHNOLOGY TRANSFER - Continued

Technology transfer: A key to productivity. James A. Higgins. illus Def Sys Mgt Rev 2:7-9 Winter '79

Technology transfer and patent management at the National Technical Information Service. David T. Mowry. Def Sys Mgt Rev 2:22-26 Winter '79

Technology transfer in a competitive environment. Charles S. Haughey. Def Sys Mgt Rev 2:27-34 Winter '79

Technology transfer: Wish or necessity? Achim Müller. illus Aerosp Intl 15:17-19 Jun-Jul '79

TELECOMMUNICATIONS see Communications Systems

TELEMETRY

(Alaska Meteor Burst Communications System: AMBCS and the SNOw TELEmetry--SNOTEL) Signal 33:154 Jan '79

Scrambling and spying in SALT II. Strobe Talbott. Intl Sec 4:3-21 Fall '79

TELEPHONES AND TELEPHONE SERVICE

Coming phone change: By GSA. C.W. Borklund. illus Govt Exec 11:37-38+ Sep '79

The General's on the line. (Various AF bases have special telephone numbers for recording comments, complaints, and questions which are answered by the base commander) Capt Dick Sheffield. illus Airman 23:14-17 Nov '79

Telephone cost control. William Sheeser. illus Signal 33:42+ Jan '79

Transportable transmitting and receiving station. Signal 33:79 Jul '79

Unauthorized use of government telephone systems. TIG Brief 31:13 Feb 23 '79

Voice computer system charges credit calls. Theodore D. Puckorius. illus Signal 33:27-30 Jan '79

TELESCOPES, RADIO

Cincinnati Electronics to develop radio solar telescopes. illus Signal 34:94 Oct '79

TELEVISION

Interconnecting government and the people: North Carolina looks at its telecommunications systems and services. James B. Hunt, Jr. illus Signal 33:7-11 Jul '79

A new view on the plain. (American Forces Radio and Television Service brings English-language television to U.S. military bases outside of Tokyo, Japan) Capt Michael Gannon. illus Airman 23:8-13 Jun '79

Military Applications

Educational television--your medium for training success. LtCol Richard B. Wessling, Jr. illus Air Def Mag, pp 30-35, Jul-Sep '79

Low light level television for training. Maj Patrick H. Orell. illus Armor 88:10-11 Sep-Oct '79

Safeguarding AFRTS program materials. TIG Brief 31:22 Nov 2 '79

TELEVISION - ContinuedPrograms and Programming

Project UFO. (Television program on the AF investigation, Project Blue Book) Capt Dick Sheffield. illus Airman 23:21-28 Jan '79

TV o'seas: Sports suffer. AF Times 39:1+ Apr 23 '79

TELEVISION IN EDUCATION

Challenge '79. (Barksdale's (AFB, LA) SAC NCO Academy students test their knowledge on closed-circuit television quiz program) SMSgt Dick Larsen. illus Airman 23:9-11 Oct '79

Educational television--your medium for training success. LtCol Richard B. Wessling, Jr. illus Air Def Mag, pp 30-35, Jul-Sep '79

Low light level television for training. Maj Patrick H. Orell. illus Armor 88:10-11 Sep-Oct '79

TEMPERATURESee also

Heat

Effect of cockpit temperature gradients on the validity of single-point measurements. J.R. Allan and others. illus tabs Aviation, Space & Envmt Med 50:669-671 Jul '79

Prediction of body temperatures during exercise in flying clothing. A.J. Belyavin and others. tabs Aviation, Space & Envmt Med 50:911-916 Sep '79

Temperature changes during exercise measured by thermography. James H. Veghte and others. illus tabs Aviation, Space & Envmt Med 50:708-713 Jul '79

TEMPORARY DUTY

Are you prepared to go TDY to school? TIG Brief 31:13-14 Sep 7 '79

Base billeting officers: Billing for use of transient/contract quarters. TIG Brief 31:6 Jun 15 '79

INTRO (Individualized Treatment and Orientation) needs support. AF Times 40:41 Oct 22 '79

Panel (House Appropriations Committee) seeks TDY \$ cut. Bruce Callander. AF Times 40:12 Oct 8 '79

Per diem hike eyed. AF Times 39:4 Apr 30 '79

TENANT UNITS

Reimbursements--computerize and simplify. LtCol Edward J.C. Orbeck, Jr. illus AF Compt 13:16-19 Jul '79

Support of Guard and Reserve tenant units. TIG Brief 31:22 Apr 6 '79

TENG, Hsiao-ping

How to survive in Chinese: A provocative look at why Teng Hsiao-ping flung himself at the U.S. Armed Forces J Intl 116:22-23+ Feb '79

Security mission: Visit of Chinese leader to Texas was a challenge to "sky cops" of base security at ANG/Ellington (AFB). SSgt Bruce Zielsdorf. por Natl Guard 33:22-23 Feb '79

TERMINALS, TRANSPORT

Audit advice: Cut air terminal operations. Len Famiglietti. AF Times 39:2 Feb 26 '79

Super people doing ... a super job. SMSgt Gerald H. Smith. illus Air Reservist 31:12-13 Dec '78-Jan '79

TERMINOLOGY

See also subdivision Terminology under specific subjects

'Neuterism' aim of DOD's personspeak. Randall Shoemaker. AF Times 39:26 Jan 22 '79

TERRAIN FLYING see Flight, Low-Altitude

TERRAIN VEHICLES see All-Terrain Vehicles

TERRITORIAL TROOPS

The County Associations and the Territorial Army. Peter Dennis. Army Qtr 109:210-219 Apr '79

TERRORISM

Antiterrorist contingency readiness. Maj H. Thomas Hayden. illus US Nav Inst Proc 105:100-103 Mar '79

A bad week--and why. LtGen Ira C. Eaker, Ret. AF Times 40:17-18 Nov 26 '79

Combating international terrorism: The United Nations developments. L. F. E. Goldie. illus Nav War Col Rev 31:49-60 Winter '79

Combatting terrorism in Federal Germany. Udo Philipp. illus Intl Def Rev 12, No. 6:999-1001 '79

A concept for anti-terrorist operations. Majs C. S. Del Grosso and John C. Short. illus tab MarCor Gaz 63:54-59 Jun '79

The conflict index. Regular feature in issues of Defense & Foreign Affairs Digest beginning with No. 4, 1979

Future warfare may take the form of urban terrorism. Maj John R. Moore. illus MarCor Gaz 63:49-53 Jun '79

Hic sunt dracones: The nuclear threat of international terrorism. Louis René Beres. illus Parameters 9: 11-19 Jun '79

International terrorism and the defense of offshore facilities. LCDR John F. Ebersole. illus US Nav Inst Proc 105:54-61 Sep '79

Learning the lessons of counter-terror--West Germany's experience. Hans-Josef Horchem. Def & For Aff Dig 7, No. 7:18-21+ '79

A man of liberty. (MSgt Jacques Grillon, USAF, recalls his days in the French resistance) Sgt Craig Pugh. illus Airman 23:24-30 Feb '79

Military elite forces: Surrogate war, terrorism, and the new battlefield. Roger A. Beaumont. illus Parameters 9:17-29 Mar '79

The politics of futility. Maj C. C. L. O. Owen. RUSI J for Def Studies 123:20-24 Dec '78

TERRORISM - Continued

Reflections on terrorist havens. Robert A. Friedlander. illus Nav War Col Rev 32:59-67 Mar-Apr '79

Technological terrorism: A new era. Yonah Alexander. illus Def & For Aff Dig 7, No. 11:28-31+ '79

Terrorism--countering the threat in USAREUR. Capt Edwin C. Partridge. illus Air Def Mag. pp 32-34, Oct-Dec '79

Terrorists, atoms and the future: Understanding the threat. Augustus R. Norton. illus Nav War Col Rev 32:30-50 May-Jun '79

Who reacts to a nuclear weapons attack? TIG Brief 31:4 May 4 '79

A world at war: Small wars and superpower military intervention. tabs map Def Monitor 8: entire issue Nov '79

TEST AND EVALUATION COMMAND

Materiel testing in natural environments. William J. Haslem. illus tab Army Log 11:42-45 May-Jun '79

Tropic Test Center (in Panama). Marilyn Chase. illus Soldiers 34:13-15 Nov '79

TEST FACILITIES

Riding the rail. (High-speed test track at Holloman AFB, NM, is used to test aircraft life support systems and missile guidance systems) Capt Katie Cutler. illus Airman 23:45-48 May '79

TEST PILOTS

Chopper pilot in Russia. (Third World Helicopter Championships, Vitebsk, 1978) LtCol Leslie F. Perkins. illus Natl Guard 33:14-15 Jan '79

Maintenance test pilot standardization. CW4 Joseph A. DeCurtis. USA Avn Dig 25:10-12 Dec '79

TESTS AND MEASUREMENTS

See also
Aptitude

Compromise of WAPS test materials. TIG Brief 31:12 Jan 12 '79

A new approach for identifying best-qualified candidates. Michael L. Johnson and Kenneth McCloskey. illus tabs Def Mgt J 14:31-33 Nov '78

Production-Oriented Maintenance Organization (POMO) SKT analysis. TIG Brief 31:8 May 18 '79

TEXTILE INDUSTRY AND TRADE

See also
Clothing, Protective
Uniforms

THAILAND

Thailand prepares for history's new "breeze" of potential conflict. Michael Morgan. illus Def & For Aff Dig 7, No. 11:40-41+ '79

THERMODYNAMICS

The Navy's NAHBE (Naval Academy Heat Balanced Engine). Jim Stanley. illus Natl Def 63:32-34 Mar-Apr '79

THEUS, Lucius

Air Force Accounting and Finance Center. por AF Mag 62:98 May '79

Dedication to excellence. (Presentation, Free and Accepted Masons, Prince Hall Affiliation, Rocky Mountain Lodge No.1, Denver, May 26, 1979) MajGen Lucius Theus, Ret. AF Plcy Ltr for Comdrs: Sup No.8:22-28 Aug '79

A new Budget Director; three major generals retire. AF Compt 13:3 Jul '79

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. por AF Compt 13:29 Jan '79

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. por AF Compt 13:23 Apr '79

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. por AF Compt 13:39 Jul '79

THINK TANKS see Research CentersTHIRD WORLD

Anti-imperialist unity. S.Golyakov. Soviet Mil Rev No.12:48-49 Dec '79

Cuba and the non-alignment movement. M.Mayorov. Soviet Mil Rev No.8:50-51 Aug '79

Defining 3rd World defense industries. illus Def & For Aff Dig 7, No.5:6-10 '79

Global ramifications of the Sino-Soviet dispute. Richard Dana. illus Def & For Aff Dig 7, No.10:32-33+ '79

Ideological expansion of imperialism. N.Shchukin. Soviet Mil Rev No.9:53-54 Sep '79

Military aspects of neo-colonialism. Capt V.Golubev. Soviet Mil Rev No.9:50-52 Sep '79

New directions in the international defense trade. Gregory R.Copley. illus tabs Def & For Aff Dig 7, No.2:6-8+ '79

Soviet weapons exports: Russian roulette in the Third World. tabs map Def Monitor 8: entire issue Jan '79

Foreign RelationsRussia

The twilight war. Richard T.McCormack. illus Army 29:12-20 Jan '79

United States

The twilight war. Richard T.McCormack. illus Army 29:12-20 Jan '79

THOMAS, Gerald C.

Conversations with the general. Gen Gerald C. Thomas, Ret and Angus M.Fraser. por MarCor Gaz 63:82-87 Nov '79

THOMASON, John W., Jr

Legend and legacy of John W.Thomason. Martha Anne Turner. por MarCor Gaz 63:59-72 Nov '79

THOMPSON, Richard H.

Breakout. MajGen Richard H.Thompson. Army Log 11:8-11 Nov-Dec '79

TSARCOM support of Army Aviation. MajGen Richard H.Thompson. por USA Avn Dig 25:2-7 Mar '79

THOUGHT AND THINKINGSee also

Decision Making
Problem Solving

THUNDERBIRDS

Thunderbirds name commander. (Maj David L.Smith succeeds LtCol Dan Cherry) AF Times 39:28 Apr 9 '79

THUNDERSTORMS

A hole that is not a hole: Airborne weather radar interpretation. Capt Thomas E.Sieland. illus Aerosp Safety 35:4-5 Jun '79

In-flight lightning strikes. LtCol George J.Bifulchi. illus tab Aerosp Safety 35:18-19 Sep '79

Low-level wind shear. Capt David E.Johnson. illus Aerosp Safety 35:2-3 Oct '79

Summer weather hazards. Capt Carl L.Nelson. illus tab TAC Attack 19:4-6 Jun '79

Weather radar--ATC radar: There is a difference. Maj Duane B.Stoecklin. illus tabs Aerosp Safety 35:14-15 Jan '79; USA Avn Dig 25:24-25 Mar '79

What a thunderstorm is not. Maj Garry S.Mueller. illus tabs Aerosp Safety 35:20-22 Aug '79

What's in a name? CMSgt Jack DuBose. illus MAC Flyer 26:12-13 Aug '79

TIAGO, Joseph L., Jr

In memoriam. por obit MarCor Gaz 63:4 Apr '79

TIME

Carbon monoxide and human time discrimination: Failure to replicate Beard-Wertheim experiments. David A.Otto and others. tabs Aviation, Space & Envmt Med 50:40-43 Jan '79

Time. Maj Mason E.Riley. illus AF Compt 13:24-26 Apr '79

Time. Capt Craig D.Voss. illus Navigator 26:24 Spring '79

TIME MEASUREMENT

Time. Capt Craig D.Voss. illus Navigator 26:24 Spring '79

TIRESSee also

Airplanes, Military--Tires

TITANIUM see Metals

TOLLEY, Kemp

Bear claws and dragon teeth. RADM Kemp Tolley, Ret. por US Nav Inst Proc 105:28-34 Dec '79

TONER, Francis J.

ALOC (Air Line Of Communication)--tomorrow's supply support. BrigGen Francis J. Toner. Army Log 11:15-17 Sep-Oct '79

TOOLS

Composite tool kits. TIG Brief 31:8 Jan 26 '79

Hand tool deficiencies. TIG Brief 31:7-8 Nov 2 '79

TOOMAY, John C.

Planning our strategic future: The classical approach. MajGen John C. Toomay. por Natl Def 64:52-55 Jul-Aug '79

TORNADOES

In tornado alley. (AF responds to disaster in Wichita Falls, TX) MSgt David B. Drachlis. illus Airman 23:14-20 Jul '79

Killer tornado (at Cheyenne, WY)! illus Air Reservist 31:11 Aug-Sep '79

TORPEDOES

Heavyweight torpedoes. Roy Corlett. illus tab NATO's Fifteen Nations 23:126-127 Special Issue '78

The Mk 48 torpedo. illus Intl Def Rev 12, No. 4: 601-602 '79

Torpedoes: Our wonder weapon! (We wonder if they'll work) CAPT Frank A. Andrews, Ret. illus US Nav Inst Proc 105:94-97 Mar '79

The year of the torpedo. illus Mil Elect/Counter-measures 5:78-79+ Mar '79

TOTAL FORCE CONCEPT

Being a Reservist. (Remarks, Civic Leaders Tour, Eglin AFB, FL, June 1978) LtCol David Burkett. AF Pcly Ltr for Comdrs: Sup No. 12:35-40 Dec '78

The 5th Infantry Division (Mech). LtCol Charles L. Wascom. illus Infantry 69:14-19 May-Jun '79

NATO and the National Guard. James B. Deerin. illus maps Natl Guard 33:6-11+ Feb '79

The total force. (Presentation, 101st General Conference of the National Guard Assoc of the United States, Cleveland, Oct 10, 1979) Gen Lew Allen, Jr. AF Pcly Ltr for Comdrs: Sup No. 12:14-19 Dec '79

The total force. Capt Barry D. Willard. illus map Fld Arty J 47:47-49 Jul-Aug '79

Total force. ADM Elmo R. Zumwalt, Jr, Ret. illus US Nav Inst Proc 105:88-107 May '79

A total force training strategy. Col Irving Heymont, Ret. illus Mil Rev 59:14-21 Sep '79

TOTAL OBJECTIVE PLAN FOR CAREER AIRMAN PERSONNEL see TOPCAPTOURS OF DUTYSee also

Assignments, Military
Permanent Change of Station
Remote-Isolated Duty
Temporary Duty

DOD trying to forestall o'sea kin cuts--tour changes proposed. Andy Plattner. AF Times 39:2 Jul 9 '79

In the land of the Incas. SSgt Bill Welch. illus Airman 23:16-20 May '79

Living north of the border. Capt Dick Sheffield. illus Airman 23:44-48 Apr '79

Some career Marines will benefit (by procedure to forecast next assignment). MarCor Gaz 63:4 Mar '79

Some EM face longer service. Bruce Callander. AF Times 40:1+ Dec 24 '79

TOXIC AND INFLAMMABLE GOODS see Hazardous SubstancesTRACTORS

An LVT for the battlefield. Maj Donald A. Gressly. illus tab US Nav Inst Proc 105:66-73 Nov '79

Rebuilding commercial construction equipment. Kennard Underwood, Jr. illus Mil Engr 71:158-162 May-Jun '79

TRADE see CommerceTRADE UNIONS see Labor UnionsTRADITIONS, MILITARY

Bird of patriots (Bald Eagle). Philip R. Smith, Jr. illus Soldiers 34:38-39 Apr '79

TRAFFIC ACCIDENTS see Accidents, TrafficTRAFFIC MANAGEMENTSee also

Military Traffic Management Command

MTMC honors traffic managers (at NDTA Forum and Exposition, Salt Lake City, Sep 17, 1979). illus Translog 10:6-7 Sep '79

Managing to please the DOD traveler. Capt Frank B. Gregory. Translog 10:2-5 Jul '79

Physical distribution management. George A. Gecowets. illus tab Def Trans J 35:5-8+ Aug '79

The Traffic Management Office (TMO) quality control inspector. TIG Brief 31:11 Jun 1 '79

Traffic managers face changes. Bill Lucas. Translog 10:2-4 Aug '79

Traffic radar being scrutinized. TIG Brief 31:3 Oct 19 '79

Training for transportation management. LtCol Jimmie L. Williams, Jr. illus tab Translog 10:6-8 Jul '79

TRAFFIC MANAGEMENT - ContinuedStudy and Teaching

An overview of CMF 64--your career in transportation. illus Army Log 11:23-25 Jan-Feb '79

TRAIN, Harry D., II

The lifeline; Atlantic Command. ADM Harry D. Train II. por NATO's Fifteen Nations 24:25-27 Oct-Nov '79

NATO commanders view C³. Gen Herman F. Zeiner and others. Signal 33:10-12 Apr '79

NATO's Allied Command Atlantic. ADM Harry D. Train. por NATO's Fifteen Nations 23:24-27 Special Issue '78

TRAINING see Education and Training

TRAINING AIDSSee also

Audio-Visual Aids
Motion Pictures

Flamoke's no fluke. (Miniature base simulates fire emergencies for training firefighters) illus Airman 23:29-30 Apr '79

In the dark of day. (Light-Attenuation Devices (LADs) for simulating night illumination conditions) Paul R. Bleda and Col Anthony Labrozzi. illus Infantry 69:32-34 Mar-Apr '79

The real world of make believe--simulation's role in national preparedness. David Harvey. illus Def & For Aff Dig 7, No.7:10-11+ '79

The simulator game. Lt Phil Harris. illus TAC Attack 19:26-27 Aug '79

TRAINING AND DOCTRINE COMMAND

Combat engineers in evolution. Col Claude L. Roberts, Jr and Maj Kent D. Steele, Jr. illus Mil Engr 390-393 Nov-Dec '79

JC and TRADOC talk a lot, but do they communicate? Interviews. Gens Donn A. Starry and W. L. Creech. illus Armed Forces J Intl 117:27-28+ Sep '79

TRANSFERS, MILITARY

Here are entered articles on interservice transfers; for intraservice transfers see Rotation.

Bill would okay officer transfers (between the military Services and National Oceanic and Atmospheric Administration). AF Times 40:39 Dec 10 '79

TRANSIENT FACILITIES

Turning 'em around and around. (Transient alert crews at Ramstein AB, Ger, service the various planes from NATO countries) SMSgt Dave Sheeder. illus Airman 23:21-28 Sep '79

Use of unaccompanied personnel and transient quarters. TIG Brief 31:12 Oct 5 '79

TRANSOCEANIC FLIGHTS

The flying Bird of Paradise. William B. Murphy. illus Aerosp Hist 26:30-33 Mar '79

TRANSOCEANIC FLIGHTS - Continued

MAC service reduces costs (on) DC-Europe flights. AF Times 39:12 Jun 18 '79

Nonrefueled chopper hop set. AF Times 40:8 Aug 13 '79

Single-engine safe crossing. Maj Ronald K. Peacock. illus MAC Flyer 26:14-15 Apr '79

Use of foreign flag carriers. TIG Brief 31:17 Jul 2 '79

TRANSPORTATIONSee also

Shipping

NDTA talk. Regular feature in issues of Defense Transportation Journal

Physical distribution and the firm. Richard A. Lancioni. illus Def Trans J 35:14-19 Aug '79

Physical distribution management. George A. Gecowets. illus tab Def Trans J 35:5-8+ Aug '79

Europe, Western

Western Europe's transport development. Heinz C. Hoppe. illus Def Trans J 35:14-18+ Oct '79

Russia

Recent developments in technology in the USSR. Mikhail Sitnick. illus Def Trans J 35:42-45 Apr '79

United States

Affirmative action in transportation. Debbie Hower-ton. illus Translog 10:1-3 Mar '79

'Downtowners' to pay fees--parking free at most bases. Tom Philpott. AF Times 39:1+ Apr 23 '79

Federal transportation funding: What does the future hold? James C. Johnson. illus Def Trans J 35:35-37 Apr '79

Multimodal transportation companies: The case for rail-ocean shipping combinations. Clinton H. Whitehurst, Jr. Def Trans J 35:5-6+ Jun '79

Productivity improvement in transportation: The first step is measurement. Wendell M. Stewart and James E. Morehouse. illus Def Trans J 35:32-38 Aug '79

The U.S. transportation system and the environment. Richard A. Lancioni. illus Log Spectrum 13:45-49 Spring '79

Virginia's roads: DOT disrupts an involved citizenry. (Interview with Harold C. King) illus Govt Exec 11:46+ Sep '79

What makes METRO run? Joseph P. Greenway. map illus Signal 33:32-36 Jul '79

Laws and Regulations

Traffic managers face changes. Bill Lucas. Tranalog 10:2-4 Aug '79

TRANSPORTATION, AIRSee also

Air Cargo
Aviation, Commercial

United States

The future of United States airlift. John Shea. illus
tabs Def Trans J 35:6-8+ Apr '79

TRANSPORTATION, AIR (MILITARY)See also

Air Cargo
Airdrop
Airlift
Movement Control

United States

The future of United States airlift. John Shea. illus
tabs Def Trans J 35:6-8+ Apr '79

Korea's improved port call system (Single Passenger
Reservation System). Capt Stephen Giordano. illus
Translog 10:14-15 Jun '79

Single-stop air travel centers sought. Len Famiglietti.
AF Times 40:6 Oct 22 '79

Super people doing ... a super job. SMSgt Gerald H.
Smith. illus Air Reservist 31:12-13 Dec '78-
Jan '79

TRANSPORTATION, MILITARYSee also

Movement Control

The Defense Railway Interchange Fleet--how big is it?
Maj Howard A. Harvey. illus Def Trans J 35:5-6+
Oct '79

Defense transportation almanac: Facts and figures on
military transportation. Regular feature in some
issues of Defense Transportation Journal

How AAFES supplies Europe--the overseas distribu-
tion system. illus Review 58:38-39 Jul-Aug '79

Intransit security requirements. TIG Brief 31:12
May 18 '79

Mobilization and transportation. (Remarks, National
Defense Transportation Assoc Forum, 1978)
Charles W. Duncan, Jr. illus Translog 10:6-8
Feb '79

Movement of military support cargo. illus Def
Trans J 35:38-41 Apr '79

An overview of CMF 64--your career in transporta-
tion. illus Army Log 11:23-25 Jan-Feb '79

Traffic managers face changes. Bill Lucas. Translog
10:2-4 Aug '79

Training for transportation management. LtCol Jim-
mie L. Williams, Jr. illus tab Translog 10:6-8
Jul '79

TRANSPORTATION, SEASee also

Merchant Marine
Military Sealift Command

TRANSPORTATION CENTERS AND SCHOOLSArmy

An overview of CMF 64--your career in transporta-
tion. illus Army Log 11:23-25 Jan-Feb '79

TRANSPORTATION DEPTSee also

Coast Guard--U.S.
Federal Aviation Administration

Virginia's roads: DOT disrupts an involved citizenry.
(Interview with Harold C. King) illus Govt Exec 11:
46+ Sep '79

TRANSPORTATION UNITSSee also

Airlift Units

Armed Forces

NDTA honors (military) transportation units (at its
Forum and Exposition, Salt Lake City, Sep 18,
1979). Translog 10:8+ Sep '79

Army

1182d Army Transportation Terminal Unit earns ROA
Outstanding Small Unit Award. illus Officer 55:10
Jun '79

Before we're ready to roll. (100th Transportation Co
in Reforger) Capt Michael C. McHenry. illus
Translog 10:5-8 Jun '79

TRAVEL

See also subdivision Description and Travel
under specific countries and cities

Behind the Great Wall. Jerry Fletcher. illus AF
Times, Times Magazine sup:16-19 Oct 1 '79

TRAVEL, MILITARYSee also

Transportation, Military

Charter flights end after month. AF Times 39:12
Jul 2 '79

Managing to please the DOD traveler. Capt Frank B.
Gregory. Translog 10:2-5 Jul '79

Panel (House Appropriations Committee) seeks TDY
\$ cut. Bruce Callander. AF Times 40:12 Oct 8 '79

Say hello to 'open skies.' Translog 10: inside front
cover Nov '79

Take along your cloak and dagger (when you) travel to
Communist countries. illus AF Times 40:11
Nov 19 '79

Tips for the holiday traveler. illus Translog 10:
14-15 Nov '79

Use of foreign flag carriers. TIG Brief 31:17
Jul 2 '79

Space Available

Space A EM write-in called unfair. Len Famiglietti.
AF Times 40:1+ Aug 27 '79

TRAVEL, MILITARY - ContinuedSpace Available - Cont'd

Space-A in danger; phaseout studied. Len Famiglietti.
AF Times 40:1+ Nov 12 '79

Space-A: Still business as usual. Len Famiglietti.
AF Times 40:3 Dec 10 '79

Vote offers hope for space-A \$\$\$. Len Famiglietti.
AF Times 40:3 Nov 26 '79

TRAVEL PAY

Do-it-yourself movers get \$\$\$ boost; fuel aid asked.
AF Times 39:1+ Jul 16 '79

GSA ups civilian mileage pay. AF Times 40:29
Jul 30 '79

Kin travel overseas threatened--Army underestimated
total. AF Times 39:3 Jan 8 '79

More food \$\$\$ (for business travel) draws fire. AF
Times 40:3 Dec 24 '79

More travel \$\$ asked. Tom Philpott. AF Times
40:1+ Sep 24 '79

Panel (House Appropriations Committee) seeks TDY
\$ cut. Bruce Callander. AF Times 40:12 Oct 8 '79

Panel (House Appropriations Committee) turns down
boost in PCS \$\$\$. AF Times 39:3 May 28 '79

Senate OKs equal per diem. AF Times 40:4 Dec 17 '79

Simplify and automate--travel pay computations can
be made easier. Maj Larry B. Ruble. illus AF
Compt 13:14-15 Oct '79

Stennis makes Services sweat--o'seas kin travel
curbs. Bruce Callander. AF Times 39:1+
May 14 '79

TDY allowances: Use of adverse effect statements.
TIG Brief 31:21 Feb 23 '79

Travel agency tickets are reimbursable. AF Times
40:16 Sep 3 '79

Trim overseas kin, halt JET (Junior Enlisted Travel),
panel (Senate Armed Services Committee) says.
Andy Plattner. AF Times 39:1+ Jun 4 '79

Use of foreign flag carriers. TIG Brief 31:17
Jul 2 '79

TREASURY DEPTUnited States

Unwieldy information flow at Treasury relieved by
word processing. illus Govt Exec 11:49-50 Aug '79

TREATIES AND ALLIANCES

Here are entered articles on acts, agreements, and
pacts between nations.

See also specific international agreements,
e. g.,
Central Treaty Organization
North Atlantic Treaty Organization
Warsaw Pact

Canal treaty implementation: The unheeded warning--
setting the record straight. James D. Hessman.
illus Sea Power 22:21-22 Jul '79

TREATIES AND ALLIANCES - Continued

Chinese military links with NATO? An assessment of
the Kremlin's concerns. R.D.M. Furlong and
LtCol Al Biegel. Intl Def Rev 12, No. 9:1467-
1468 '79

Digging in for debate on SALT II. AF Times 39:10
May 28 '79

The Egypt-Israel Peace Treaty. LtGen Ira C. Eaker,
Ret. Natl Def 64:12 Jul-Aug '79

The limitations of alliances. Gen T.R. Milton, Ret.
AF Mag 62:53 Apr '79

(NATO) past and present. Dirk U. Stikker. illus
NATO's Fifteen Nations 24:30-31 Oct-Nov '79

New accord signed by U.S., Philippines. AF Times
39:8 Jan 22 '79

The origin of the formula: "Unconditional surrender"
in World War II. Michael Balfour. tab Armed
Forces & Soc 5:281-301 Winter '79

SALT II and verification: Adequacy and advocacy.
Amrom H. Katz. Mil Engr 71:309-314 Sep-Oct '79

The 'Taiwan problem' revisited. Vincent C. Thomas,
Jr. Sea Power 22:25 Nov '79

The 'Taiwan question': A final solution? James D.
Hessman. Sea Power 22:29-32 Jan '79

The 'Tokyo Round' aircraft agreement: U.S. sponsors
overhaul of tariffs and trade practices. Chris Bul-
loch. illus Interavia 34:655-656 Jul '79

Will SALT II survive in the U.S. Senate? Ramon
Lopez. illus Intl Def Rev 12, No. 5:700-701 '79

TREFRY, Richard G.

Today's IG: The eyes and ears of the Army. LtGen
Richard G. Trefry. por Army 29:99-101 Oct '79

TRIALS

See also
Courts-Martial

TROOP MOVEMENTS see Movement ControlTROOP SUPPORT AND AVIATION MATERIEL READI-
NESS COMMAND see Army Troop Support and Avia-
tion Materiel Readiness CommandTROPHIES see Awards, Decorations, etcTROPICAL REGIONS

Tropic Test Center (in Panama). Marilyn Chase.
illus Soldiers 34:13-15 Nov '79

TROPICAL WARFARE see Jungle WarfareTROPOSPHERIC SCATTER

Griffiss (AFB, NY) center (Rome Air Development
Center) tests 'flexible' radio system. Rich Garcia.
illus AF Times 39:22 Jul 2 '79

TRUCKS AND TRUCKING

Keep 'em rolling: The Guard in the trucking crisis
of '79. illus Natl Guard 33:14-17 Aug '79

TRUCKS AND TRUCKING - Continued

TOBC (Transportation Officers Basic Course) students keep on truckin'. illus Translog 10:15-16 Feb '79

Trucking costs up--higher BX prices seen. Suzanne Viau. AF Times 39:4 Jul 16 '79

Trucks coming. LtCols James M. Durham and Joseph F. Manzi, Jr. illus Army Log 11:6-9 Jul-Aug '79

TRUMAN, Harry S.

Sounding the tocsin: NSC 68 and the Soviet threat. Samuel F. Wells, Jr. Intl Sec 4:116-158 Fall '79

TUKHACHEVSKY, Mikhail N.

The fall and rise of Marshal Tukhachevsky. Maj William J. McGranahan. Parameters 8:62-72 Dec '78

TUNNELS

Subterranean route reconnaissance. Capt Adolf Carlson. illus Infantry 69:16-18 Sep-Oct '79

Tunnels for war: A reminiscence. Maj Gene E. Townsend. illus AF Mag 62:98-99 Nov '79

TURBINES see Gas TurbinesTURBULENCE

Low-level wind shear. Capt David E. Johnson. illus Aerosp Safety 35:2-3 Oct '79

More about wind shear hazards. Paul R. Higgins and Donald H. Patterson. tabs Aerosp Safety 35:15-21+ Mar '79

Mountain waves: A powerful and dangerous force. (Adapted from Approach, Nov 1977) illus Aerosp Safety 35:22-23 Jan '79

Ride the wild horse. Maj Charles O. Weir. illus Aerosp Safety pt 1, 35:16-20 Apr '79; pt 2, 35:6-9 May '79; pt 3, 35:6-9 Jun '79

Summer weather hazards. Capt Carl L. Nelson. illus tab TAC Attack 19:4-6 Jun '79

Wake turbulence. Maj Jerry D. Driscoll. illus Aerosp Safety 35:2-3 Mar '79

TURKEY

Colorado Corsairs over Turkey (in NATO Exercise Display Determination). MSgt Janet Wright. illus map Natl Guard 33:12-14+ Nov '79

Instability and change on NATO's southern flank. CSIA European Security Working Group. Intl Sec 3:150-177 Winter '78-'79

Economic Conditions

Strengthening our Turkish partner: Germany spearheading the effort. Walter Leisler Kiep. illus NATO's Fifteen Nations 24:18-19 Jun-Jul '79

Foreign Policy

Turkey: NATO partner in a changing world. Gundüz Ökcün. illus NATO's Fifteen Nations 24:98-99 Oct-Nov '79

Whither Turkey? (Andover Prize Essay) Maj Mustafa Celik. illus Hawk No. 39:37-42 Winter '78-'79

Foreign RelationsGreece

The situation in Greece and Turkey. Frederick Bonart. illus map NATO's Fifteen Nations 23:28-30+ Dec '78-Jan '79

United States

The American presence in Turkey. Theodore Ross Milton. illus NATO's Fifteen Nations 24:21-22+ Jun-Jul '79

Politics and Government

Is Turkey next after Iran? Aydin Yalcin. NATO's Fifteen Nations 24:77 Jun-Jul '79

Strategic Importance

NATO South: The forgotten flank. James D. Hessman. illus Sea Power 22:17-22 Sep '79

Strengthening our Turkish partner: Germany spearheading the effort. Walter Leisler Kiep. illus NATO's Fifteen Nations 24:18-19 Jun-Jul '79

TURNER, Frederick C.

U.S. maritime patrol aircraft: A status report. VADM F. C. Turner. por US Nav Inst Proc 105: 106-111 Jan '79

TURNER, Stansfield

The slow murder of the American intelligence community. Benjamin F. Schemmer and others. Armed Forces J Intl 116:50-54 Mar '79

(The state of intelligence and foreign policy) (Banquet address, AFCEA Convention, Washington, June 20, 1979) ADM Stansfield Turner, Ret. por Signal 33: 37-40 Aug '79

UN see United Nations

USAFE see Air Forces in Europe

USAFSO see Air Force Southern Air Division (TAC)

USAREUR see Army, Europe

USO see United Service Organizations

USSR see Russia

UKRAINE

In a single family--three hundred and twenty-fifth anniversary of reunification of the Ukraine with Russia. illus Soviet Mil Rev No. 1:11-14 Jan '79

History

In a single family--three hundred and twenty-fifth anniversary of reunification of the Ukraine with Russia. illus Soviet Mil Rev No. 1:11-14 Jan '79

UMSTEAD, Stanley M., Jr

The payoff under proposed Uniformed Services Retirement Benefits Act. MajGen Stanley M. Umstead, Jr. por Officer 55:20-22 Sep '79

We'll fight for kin, not for pay relief. Interview. ✓ MajGen Stanley M. Umstead. por AF Times 39:7 Jun 25 '79

UNCONVENTIONAL WARFARE

See also specific types of unconventional warfare, e.g.,
Chemical-Biological Warfare
Counterinsurgency
Guerrilla Warfare
Nuclear Warfare
Psychological Warfare

Bear claws and dragon teeth. RADM Kemp Tolley, Ret. illus US Nav Inst Proc 105:28-34 Dec '79

Soviet special operations/partisan warfare: Implications for today. Capt Henry S. Whittier, Jr. illus Mil Rev 59:48-58 Jan '79

Study and Teaching

Underwater warriors--Special Forces Scuba School. MSgt Matt Glasgow. illus Soldiers 34:14-16 Jul '79

UNDERDEVELOPED AREAS

See also
Third World

Aid and assistance to developing nations. George F. Brown, Jr. Nav War Col Rev 32:93-101 Sep-Oct '79

UNDERGROUND STRUCTURES

Vision from the deep. (NORAD's underground facility in North Bay, Ontario, Canada) Capt Dick Sheffield. illus Airman 23:2-8 Feb '79

UNDERWATER OPERATIONS

Defense of the depths. CAPT Robert F. Delaney and Maj Patrick Townsend. illus US Nav Inst Proc 105:36-41 Nov '79

UNDERWATER OPERATIONS - Continued

The underwater sabotage threat. CAPT Raymond A. Hundevadt, Ret. illus US Nav Inst Proc 105:61-64 Sep '79

Underwater weapons for clandestine operations. illus (Also cutaways) tabs Intl Def Rev 12, No. 2:281-282 '79

Study and Teaching

Underwater warriors--Special Forces Scuba School. MSgt Matt Glasgow. illus Soldiers 34:14-16 Jul '79

UNDERWATER RESEARCH

See also
Ocean Mining

Research at Woods Hole: Dividends from oceanography. CDR John C. Harlett. illus US Nav Inst Proc 104:135-137 Dec '78

UNDERWATER STATIONS

Defense of the depths. CAPT Robert F. Delaney and Maj Patrick Townsend. illus US Nav Inst Proc 105:36-41 Nov '79

UNIDENTIFIED FLYING OBJECTS

From beginning to ... (UFO phenomenon through the ages) illus Airman 23:28-29 Jan '79

Project UFO. (Television program on the AF investigation, Project Blue Book) Capt Dick Sheffield. illus Airman 23:21-28 Jan '79

UNIFIED COMMANDS

See also specific unified commands, e.g.,
Readiness Command

Contemporary problems of the unified command system. Col William O. Staudenmaier. illus map Parameters 9:84-94 Mar '79

Unlikely Service secretaries will go, or Persian Gulf Command be established. Benjamin F. Schemmer. Armed Forces J Intl 116:11 Jan '79

UNIFORM CODE OF MILITARY JUSTICE

Discipline and command. MajGen Walter D. Reed. TIG Brief 31:1-2 Nov 16 '79

How to handle an Article 15. AF Times 39:4 May 28 '79

Military justice: Is it equal? Maj Felix Fenton Moran III. illus AU Rev 30:52-61 Jul-Aug '79

The review and appellate process under the Uniform Code of Military Justice. TIG Brief 31:19-22 Jan 12 '79

Rights of military members under the Uniform Code of Military Justice. TIG Brief 31:17-20 Jan 26 '79; Errata, 31:3 Mar 23 '79

Senate panel (Armed Services Committee) slaps CMA--changes sought in UCMJ. AF Times 39:24 Jun 18 '79

UNIFORM CODE OF MILITARY JUSTICE - ContinuedHistory

Limiting court-martial jurisdiction: A continuing process. Col Earl E. Hodgson. AF Law Rev 20, No.3:256-285 '78

UNIFORMSHistory

Hats off to helmets. Maj John A. Reichley. illus Soldiers 34:50-51 May '79

Air Force--U. S.

No long sleeves to short. AF Times 39:37 Jun 25 '79

Optional jacket one of 11 items approved. Ron Sanders. AF Times 39:9 May 21 '79

Reflective markings for the utility uniform. TIG Brief 31:11 Jul 2 '79

Undershirt issue for fatigue wear creeping up on AF. Ron Sanders. AF Times 40:1+ Oct 15 '79

Uniform Board meets: Sweater okay if 'invisible.' Ron Sanders. AF Times 40:1+ Aug 20 '79

Uniforms: Tests under way on long-sleeve shirt. Ron Sanders. AF Times 40:2 Dec 10 '79

Wear of Air Force Combination One uniform. TIG Brief 31:10 Dec 7 '79

Costs

Clothing prices change Oct 1. tabs AF Times 40:7 Oct 1 '79

Armed Forces--U. S.

Planners don't meet women's needs. AF Times 40:4 Sep 24 '79

Uniforms for women pose challenge. AF Times 39:30 Feb 5 '79

Army--U. S.

Dress blues. Ch(LtCol) Harold L. Alexander. illus Army 29:30-31 Nov '79

Minicomputers at the retail level. LtCol Wendell O. Jones. illus Army Log 11:17-19 Jul-Aug '79

Marine Corps--U. S.

Do we need all those uniforms? Capt James A. Lasswell. MarCor Gaz 63:22-23 Oct '79

New cammie utilities, field jackets, boots and body armor. MarCor Gaz 63:6 Sep '79

New PT uniforms for the Corps. 1stLt R.D. Steele. illus MarCor Gaz 63:20-21 Jun '79

UNION OF SOUTH AFRICA see South Africa (Republic)

UNIT TRAINS see Railroads

UNITED KINGDOM see Great Britain

UNITED NATIONS

Combating international terrorism: The United Nations developments. L. F. E. Goldie. illus Nav War Col Rev 31:49-60 Winter '79

UNITED SERVICE ORGANIZATIONS

House OKs bill to charter USO. AF Times 40:23 Nov 5 '79

UNITED STATES

In official corporate entries United States is usually omitted, e.g., Air Force Academy; however, it is included in names of nonofficial bodies, e.g., United States Armor Association.

Defenses

See Defenses--United States

Economic Conditions

The key security tasks of the 1980s. Walt W. Rostow. Intl Sec 4:180-188 Fall '79

The states can clean up Washington's act. (Interview with Bob Carleson) C.W. Borklund. illus Govt Exec 11:35+ Aug '79

U.S. is an enduring major power. (Presentation, Society of Research Administrators, Reno, NV, June 4, 1979) Hans M. Mark. AF Plcy Ltr for Comdrs: Sup No.8:2-5 Aug '79

Economic Policy

State economic planning: A comparative study of Western Europe and the United States. Martin J. Murray and others. J Pol & Mil Sociol 7:15-34 Spring '79

The states can clean up Washington's act. (Interview with Bob Carleson) C.W. Borklund. illus Govt Exec 11:35+ Aug '79

Trade: A modern state's rights issue. illus Govt Exec 11:15-17 Aug '79

Foreign Economic RelationsMexico

Mexican petroleum and U.S. national security. Richard R. Fagen. Intl Sec 4:39-53 Summer '79

Foreign Policy

Aid and assistance to developing nations. George F. Brown, Jr. Nav War Col Rev 32:93-101 Sep-Oct '79

American attitudes toward foreign policy. LtGen Brent Scowcroft, Ret. Nav War Col Rev 32:11-19 Mar-Apr '79

American policy options in Iran and the Persian Gulf. Robert J. Pranger and Dale R. Tahtinen. AEI For Plcy & Def Rev 1, No.2: entire issue '79

Bureaucratic politics: Academic windfalls and intellectual pitfalls. James A. Nathan and James K. Oliver. J Pol & Mil Sociol 6:81-91 Spring '78

Carter and Kissinger: Contrasts on Africa. Robin N. Montgomery. illus Natl Def 64:34-37+ Nov-Dec '79

UNITED STATES - ContinuedForeign Policy - Cont'd

Détente and an adequate American defense. LtCol Joseph W. Kastl. illus AU Rev 30:20-25 Sep-Oct '79

The fifth fleet: A permanent U.S. Indian Ocean force? L. Edgar Prina. illus Sea Power 22:26-29 Apr '79

Interdependence, specialization, and national security: Problems for diplomats, soldiers, and scholars. Col William J. Taylor, Jr. illus tab AU Rev 30:17-26 Jul-Aug '79

The key security tasks of the 1980s. Walt W. Rostow. Intl Sec 4:180-188 Fall '79

Military aspects of neo-colonialism. Capt V. Golubev. Soviet Mil Rev No. 9:50-52 Sep '79

The oil crisis: Is there a military option? map tabs Def Monitor 8: entire issue Dec '79

Options for U.S. policy toward Africa. Helen Kitchen, editor. AEI For Plcy & Def Rev 1, No. 1: entire issue '79

The pattern in Central America. Editorial. David C. Jordan. Strat Rev 7:5-6 Fall '79

The political impact of U.S. military aid to Latin America--institutional and individual effects. John Samuel Fitch. tabs Armed Forces & Soc 5:360-386 Spring '79

Reassessing the security alliance between the United States and Japan. LT Roger D. Wiegley. illus Nav War Col Rev 32:17-25 Feb '79

Russia responsible for U.S. crises. LtGen Ira C. Eaker, Ret. AF Times 40:11-12 Dec 31 '79

Russians nervous about U.S. rapid deployment force. LtCol William P. Baxter, Ret. illus Army 29:38-39 Dec '79

SALT, strategy and Atlantic relations. Phil Williams. RUSI J for Def Studies 124:50-54 Mar '79

The Sino-U.S. normalization: Global strategic ramifications considered. Gregory Copley. Def & For Aff Dig 7, No. 1:48 '79

(The state of intelligence and foreign policy) (Banquet address, AFCEA Convention, Washington, June 20, 1979) ADM Stansfield Turner, Ret. illus Signal 33: 37-40 Aug '79

Study says some bases o'seas not needed. AF Times 39:16 Jun 11 '79

The United States and the crescent of crisis: A view from the region. Shafqat Ali Shah. illus Strat Rev 7:39-50 Fall '79

U.S. arms sales and the Carter White House. Henry T. Simmons. illus Intl Def Rev 12, No. 3:339-343 '79

U.S. global retrenchment and the Army of 2000. Alwyn H. King. illus Parameters 9:47-55 Jun '79

The U.S. in East Asia. (Interview with Larry Niksch, Asian affairs specialist) Craig J. Spence. illus Def & For Aff Dig 7, No. 10:38-39 '79

History

A brief history lesson on the American dream: Response to two views. Col James B. Agnew, Ret. illus Parameters 9:18-22 Sep '79

UNITED STATES - ContinuedForeign Relations

Bureaucratic politics: Academic windfalls and intellectual pitfalls. James A. Nathan and James K. Oliver. J Pol & Mil Sociol 6:81-91 Spring '78

History

Sounding the tocsin: NSC 68 and the Soviet threat. Samuel F. Wells, Jr. Intl Sec 4:116-158 Fall '79

Afghanistan

Afghanistan after the 1978 revolution. Theodore L. Eliot, Jr. illus Strat Rev 7:57-62 Spring '79

Africa

Options for U.S. policy toward Africa. Helen Kitchen, editor. AEI For Plcy & Def Rev 1, No. 1: entire issue '79

Africa, Sub-Saharan

African minerals and American policy. Maj A.D. Ackels. tab illus Parameters 8:47-54 Dec '78

U.S. security interests and Africa south of the Sahara. Gen Bruce Palmer, Jr, Ret. maps tabs AEI Def Rev 2:2-43 '78

Asia

America and the Asian power game. Alan Ned Sabrosky. illus Sea Power 22:28-32 Feb '79

Asia, Eastern

The U.S. in East Asia. (Interview with Larry Niksch, Asian affairs specialist) Craig J. Spence. illus Def & For Aff Dig 7, No. 10:38-39 '79

Asia, Southeastern

The U.S. stake in Southeast Asia. Gen T.R. Milton, Ret. AF Mag 62:56 Dec '79

Canada

Time for a hemispheric common market? George Ott. illus Mil Rev 59:40-46 Jul '79

China (People's Republic)

Asia--image and reality. James H. Toner. illus AU Rev 30:67-71 Sep-Oct '79

China's military potential: A growing U.S. dilemma. Bonner Day. map illus AF Mag 62:38-42 Jan '79

Dilemmas for America in China's modernization. Lucian W. Pye. Intl Sec 4:3-19 Summer '79

The implications of Sino-American normalization. Jonathan D. Pollack. Intl Sec 3:37-57 Spring '79

The Sino-U.S. normalization: Global strategic ramifications considered. Gregory Copley. Def & For Aff Dig 7, No. 1:48 '79

Strategic and economic effects of the U.S.-China rapprochement on the Philippines. LCDR Jesus L. Regala. Nav War Col Rev 32:99-103 Jul-Aug '79

UNITED STATES - ContinuedForeign Relations - Cont'dChina (Republic)

Taiwan, self-determination, and human rights. Gen T.R. Milton, Ret. AF Mag 62:128 Mar '79

Europe, Western

Von Manstein, "Fall Gelb" and NATO options. Capt Lonnie Otis Ratley III. tabs RUSI J for Def Studies 124:61-65 Mar '79

Far East

New friends and new enemies. Maj Edgar O'Ballance, Ret. illus Mil Rev 59:14-25 Oct '79

Iran

American policy options in Iran and the Persian Gulf. Robert J. Pranger and Dale R. Tahtinen. AEI For Plcy & Def Rev 1, No. 2: entire issue '79

The crisis in Iran: Why the U.S. ignored a quarter century of warning. Abul Kasim Mansur. Armed Forces J Intl 116:26-33 Jan '79

Japan

Japanese-U.S. semiconductor trade: A U.S. view. illus Mil Elect/Countermeasures 5:17 Jan '79

The portents of signals: U.S.-Japan relations. LtCol Thomas H. Harvey, Jr. illus Nav War Col Rev 32: 77-81 Mar-Apr '79

Reassessing the security alliance between the United States and Japan. LT Roger D. Wiegley. illus Nav War Col Rev 32:17-25 Feb '79

Korea (Republic)

Burnishing the 'Shield of Seoul.' LtGen M. Collier Ross and Maj Charles E. Beckwith. illus Army 29: 48-52 May '79

Korea: A new look at the balance. illus Def & For Aff Dig 7, No. 8:33-35 '79

The U.S. in East Asia. (Interview with Larry Nicksch, Asian affairs specialist) Craig J. Spence. illus Def & For Aff Dig 7, No. 10:38-39 '79

Where the dawn comes up like thunder: The Army's future role in the Pacific. Col Ward M. Le Hardy. illus Parameters 8:37-46 Dec '78

Kurdistan

Mideast, Gulf area turmoil will stir Kurds to rise again. Col Robert D. Heintz, Jr, Ret. illus map Sea Power 22:33-34 Apr '79

Latin America

Latin America and North American arms. David Harvey. illus Def & For Aff Dig 7, No. 1:12-16+ '79

The shark and the sardines revisited. Rick Cotta. illus Mil Elect/Countermeasures pt 1, 5:22+ Jul '79; pt 2, 5:20+ Aug '79

UNITED STATES - ContinuedForeign Relations - Cont'dLatin America - Cont'd

Time for a hemispheric common market? George Ott. illus Mil Rev 59:40-46 Jul '79

Why U.S. influence is declining in Latin America. Bonner Day. map illus tabs AF Mag 62:52-57 May '79

Mediterranean Region--History

Marlinspike diplomacy: The Navy in the Mediterranean, 1904. William J. Hourihan. illus US Nav Inst Proc 105:42-51 Jan '79

Middle East

The fifth fleet: A permanent U.S. Indian Ocean force? L. Edgar Prina. illus Sea Power 22:26-29 Apr '79

First SecDef to visit Middle East, Brown tries to "pick up the pieces." illus tab Armed Forces J Intl 116:20-21+ Mar '79

The oil crisis: Is there a military option? map tabs Def Monitor 8: entire issue Dec '79

U.S. national security and Middle Eastern oil. Maj Robert R. Ulin. illus Mil Rev 59:39-49 May '79

NATO

Hanging together--reflections on relations between Europe and the United States. Frederick Bonnard. illus NATO's Fifteen Nations 24:39-40+ Aug-Sep '79

SALT, strategy and Atlantic relations. Phil Williams. RUSI J for Def Studies 124:50-54 Mar '79

Pacific Region

U.S. in the Pacific: Overcommitted and undermanned. Bonner Day. illus AF Mag 62:92-97 Nov '79

Persian Gulf Region

American policy options in Iran and the Persian Gulf. Robert J. Pranger and Dale R. Tahtinen. AEI For Plcy & Def Rev 1, No. 2: entire issue '79

The strategic tremors of upheaval in Iran. Alvin J. Cottrell and RADM Robert J. Hanks, Ret. illus Strat Rev 7:50-56 Spring '79

U.S. non-response to Iran crisis causes loss greater than Vietnam. Col Robert D. Heintz, Jr, Ret. illus Sea Power 22:29-31 Mar '79

Russia

A conversation with Dr Harold Brown, Secretary of Defense. Interview. Harold Brown. illus Command Plcy 2:2-7 Nov '79

Détente and an adequate American defense. LtCol Joseph W. Kastl. illus AU Rev 30:20-25 Sep-Oct '79

How to deal with the Russians: The basics of negotiation. Clare Boothe Luce. AF Mag 62:30-33 Apr '79

In the absence of SALT. Michael Nacht. Intl Sec 3: 126-137 Winter '78-'79

UNITED STATES - ContinuedForeign Relations - Cont'dRussia - Cont'd

It's not just the language. (U.S.-Soviet relations) Robert G.Kaiser. illus Natl Guard 33:28-29+ Feb '79

Negotiating with the Russians. Interview. LtGen Edward L.Rowny, Ret. illus AF Mag 62:48-50+ Sep '79

The ratification of SALT II. Charles Yost. tabs Mil Engr 71:315-317 Sep-Oct '79

Russia responsible for U.S. crises. LtGen Ira C. Eaker, Ret. AF Times 40:11-12 Dec 31 '79

SALT II and verification: Adequacy and advocacy. Amrom H.Katz. Mil Engr 71:309-314 Sep-Oct '79

SALT II: The path of security and peace. (Address, American Newspaper Publishers Assoc, New York, April 25, 1979) James E.Carter. AF Plcy Ltr for Comdrs: Sup No.7:2-10 Jul '79

SALT under the Carter administration. J.I.Coffey. illus tabs Nav War Col Rev 31:6-29 Winter '79

Six U.S. perspectives on Soviet foreign policy intentions. Robert J.Pranger. AEI For Plcy & Def Rev 1, No.5: entire issue '79

Thailand

Thailand prepares for history's new "breeze" of potential conflict. Michael Morgan. illus Def & For Aff Dig 7, No.11:40-41+ '79

Third World

The twilight war. Richard T.McCormack. illus Army 29:12-20 Jan '79

History

America's wars. Tables only. AF Plcy Ltr for Comdrs: Sup No.4:26-27 Apr '79

Riders of the Pony Express. Philip R.Smith, Jr. illus Soldiers 34:44-45 Jul '79

Wagon Box Fight (1867). John Koster. illus Infantry 69:30-33 Nov-Dec '79

Politics and Government

Do away with Vietnam syndrome. 1stLt Andrew J. Franklin. illus MarCor Gaz 63:41-42 Nov '79

The speaker's big push will be "oversight." illus Govt Exec 11:20-21 Jan '79

What happened to leadership in America? Curtis W. Tarr. illus AU Rev 30:39-46 May-Jun '79

History

Was Eisenhower a genius? George H.Quester. Intl Sec 4:159-179 Fall '79

UNITED STATES - ContinuedSocial Conditions

On standards, manners and national strength. John Patrick Walsh. illus Strat Rev 7:42-48 Winter '79

The states can clean up Washington's act. (Interview with Bob Carleson) C.W.Borklund. illus Govt Exec 11:35+ Aug '79

Social Life and Customs

Bird of patriots (Bald Eagle). Philip R.Smith, Jr. illus Soldiers 34:38-39 Apr '79

UNITED STATES ARMOR ASSOCIATION

(Annual Armor Conference, U.S. Armor Assoc, Fort Knox, KY, 1979) illus Armor 88:24-54 Jul-Aug '79

UNITED STATES ARMY, EUROPE see Army, EuropeUNKNOWN SOLDIER

Will the crypt stay empty at Arlington? LtCol Donald T.Matthes. illus Army 29:28-30+ May '79

URBAN MASS TRANSPORTATION see TransportationURBAN WARFARE

Europe means fighting in cities. Stephen K.Bollinger. MarCor Gaz 63:21-23 Jun '79

Fighting from fortified battle positions. Col Raymond E.Bell, Jr. illus Army 29:34-39 Jul '79

Future warfare may take the form of urban terrorism. Maj John R.Moore. illus MarCor Gaz 63:49-53 Jun '79

Leadership and tactical reflections on the battle for Quang Tri. LtCol Richard B.Rothwell. illus maps MarCor Gaz 63:34-35+ Sep '79

Lebanon: A MOUT (Military Operations on Urban Terrain) case study. Paul A.Jureidini and R.D. McLaurin. illus Mil Rev 59:2-12 Aug '79

Military operations in built-up areas. Maj L.Erick Ohlsson. Armor 88:45-46 Sep-Oct '79

Military operations on urban terrain. LtCol Bobby L. Jolley. illus Infantry 69:27-29 Jul-Aug '79

Peculiarities of the offensive in a town. Col V. Zhukov. Soviet Mil Rev No.1:19-20 Jan '79

Subterranean route reconnaissance. Capt Adolf Carlson. illus Infantry 69:16-18 Sep-Oct '79

URBANIZATION see Cities and Towns

VTOL see Airplanes, V/STOL

VAUGHAN, Woodrow W.

Defence logistics management: Centralise, rationalise or leave alone? An American view. LtGen W.W. Vaughan. RUSI J for Def Studies 123:11-17 Dec '78

VEHICLES, REMOTELY PILOTED see Remotely Piloted Vehicles

VERTICAL TAKEOFF AND LANDING see Airplanes, V/STOL

VERTIGO

Aeromedical aspects of otolaryngology. H.H. Hanna. Aviation, Space & Envt Med 50:280-283 Mar '79

Flicker vertigo. Maj John H. Davids. illus MAC Flyer 26:8-9 Jan '79

Flying safety and vertigo/disorientation. TIG Brief 31:18 Jul 13 '79

Spatial disorientation. Capt Gary R. Porter. illus TAC Attack 19:4-6 Dec '79

Which way is up? Robert E. Coward and others. illus TAC Attack 19:12-14 Dec '79

VESSEY, John W., Jr

(Gen John W. Vessey named Army Vice Chief of Staff) por Fld Arty J 47:23 Jul-Aug '79

VETERANS

Harris poll: Most back Viet vets. AF Times 40:44 Dec 3 '79

The influence of military service on the civilian earnings patterns of Blacks, Mexican Americans, and Anglos. Dudley L. Poston, Jr. tabs J Pol & Mil Sociol 7:71-88 Spring '79

A tribute to veterans of Vietnam. (Excerpts from remarks, White House Reception, May 30, 1979) Jimmy Carter. AF Plcy Ltr for Comdrs: Sup No.8:39-40 Aug '79

VA appoints Agent Orange panel. AF Times 40:7 Aug 13 '79

VA red tape said adding to Agent Orange anxiety. Larry Carney. AF Times 39:45 May 21 '79

Variations in veteran/nonveteran earnings patterns among World War II, Korea, and Vietnam War cohorts. Melanie Martindale and Dudley L. Poston, Jr. illus tabs Armed Forces & Soc 5:219-243 Winter '79

Veteran status, earnings, and race--some long term results. Roger D. Little and J. Eric Fredland. tabs illus Armed Forces & Soc 5:244-260 Winter '79

Vets get action on Agent Orange. Richard C. Barnard. AF Times 39:4 Jun 18 '79

Vietnam-era veterans in Congress. Steve Abbott. illus Soldiers 34:31-32 Nov '79

Vietnam vets--a new battlefield. Steve Abbott. illus Soldiers 34:28-30 Nov '79

VETERANS - Continued

Vietnam vets (Veteran's Ensemble Theatre) stage center. Laurie Costa. illus Officer 55:27 Dec '79

What the Vietnam veteran needs. James Webb. illus MarCor Gaz 63:32+ Nov '79

Statistics

America's wars. Tables only. AF Plcy Ltr for Comdrs: Sup No.4:26-27 Apr '79

VETERANS, DISABLED

Bases told Reform Act will affect AF civilians. AF Times 39:11 Jan 29 '79

New hope for the disabled. Steve Abbott. illus Soldiers 34:28-33 Apr '79

Permanent coverage (by) CHAMPUS sought for service-disabled. AF Times 40:2 Aug 27 '79

VETERANS ADMINISTRATION

Expanding, not building (national cemeteries). AF Times 40:42 Dec 10 '79

New hope for the disabled. Steve Abbott. illus Soldiers 34:28-33 Apr '79

VA wants to use collection agencies. Larry Carney. AF Times 40:3 Jul 30 '79

Vietnam vets: Some benefits ending--10 years up for GI Bill. AF Times 39:6 Mar 26 '79

VETERANS BENEFITS

See also

Bonuses

850 WASP due vet benefits. AF Times 39:10 Mar 26 '79

GI Bill extension faces opposition. AF Times 40:3 Oct 15 '79

House panel (Veterans Affairs Committee) okays Viet vet counseling. AF Times 39:4 May 21 '79

Permanent coverage (by) CHAMPUS sought for service-disabled. AF Times 40:2 Aug 27 '79

Senate panel (Budget Committee) rejects GI Bill boost bid. Larry Carney. AF Times 40:6 Aug 27 '79

Senate panel (Veterans Affairs Committee) OKs boost in GI Bill. Larry Carney. AF Times 40:6 Aug 20 '79

(Sen Alan) Cranston: Declassify blast records--many vets 'have no chance to prove claims.' AF Times 39:27-28 Jun 18 '79

Some want GI Bill restored. Tom Philpott. AF Times 40:1+ Nov 26 '79

VA home loans. Charlie L. Arsta. illus AF Times, Times Magazine sup:56-58 Sep 3 '79

VA to reconsider A-test claims. AF Times 39:4 Jul 2 '79

VA 'will go all the way' to boost GI Bill. Larry Carney. AF Times 40:42 Dec 10 '79

VETERANS BENEFITS - Continued

The Veterans' Educational Assistance Program.
Colin R. Doane. Air Def Mag, p 29, Oct-Dec '79

Vietnam vets: Some benefits ending--10 years up for
GI Bill. AF Times 39:6 Mar 26 '79

VETERANS ORGANIZATIONS

Bracing civil defense. AF Times 40:18 Aug 20 '79

VETERINARY CORPS

Veterinarians--transfers to Army Corps urged. Rich-
ard C. Barnard. AF Times 40:10 Sep 24 '79

Air Force

Base veterinary services communications: Clear and
effective? TIG Brief 31:18-20 Oct 5 '79

Brown: Abolish Vet Service. AF Times 40:3
Sep 17 '79

Killing Vet Corps would hurt country (says USAF
Surgeon General LtGen Paul W. Myers). Ron San-
ders. AF Times 40:3 Aug 27 '79

Management tips for base veterinary services. TIG
Brief 31:7 Apr 6 '79

Monthly Veterinary Professional Activities Report.
TIG Brief 31:13-14 Sep 21 '79

Summarizing food service sanitation. TIG Brief 31:15
Jul 2 '79

Armed Forces

Veterinarians under fire--DefSec Brown wants Army
to provide the service. Richard C. Barnard. illus
AF Times 40:3 Aug 27 '79

Organization

Audit agency (Defense Audit Service)--cut vet corps.
AF Times 39:22 Jan 29 '79

VIBRATION

Psychophysical assessment of angular vibration:
Comparison of vertical and roll vibrations. Rich-
ard W. Shoenberger. illus tabs Aviation, Space &
Envt Med 50:688-691 Jul '79

Vibration and the T63 engine. illus USA Avn Dig 25:
32-35 May '79

VIETNAM (SOCIALIST REPUBLIC)

Outpost of socialism. V. Yefremov. Soviet Mil Rev
No. 6:50-51 Jun '79

Foreign Policy

Communist vs Communist in Southeast Asia. Douglas
Pike. Intl Sec 4:20-38 Summer '79

Politics and Government

Vietnam: The emergence of Le Duan. Def & For Aff
Dig 7, No. 12:32 '79

VIETNAM (SOCIALIST REPUBLIC) - ContinuedChinese Invasion, 1979

The Chinese-Vietnamese border war of 1979. Col
J.J. Haggerly. map Army Qtr 109:265-272 Jul '79

The Sino-Viet War: Causes, conduct, and conse-
quences. LtCol Charles R. Nelson. illus map
Parameters 9:23-30 Sep '79

VIETNAMESE CONFLICT, 1957-1975

Dissent and the soldier. Gen T.R. Milton, Ret. illus
Strat Rev 7:15-22 Spring '79

The fall of Vietnam: An inside view. Harvey A.
DeWeerd. illus map Army 29:14-20 Jul '79

The story that won't be told about the Vietnam War.
Maj A.C. Zinni. illus MarCor Gaz 63:58-60
Feb '79

A tribute to veterans of Vietnam. (Excerpts from re-
marks, White House Reception, May 30, 1979)
Jimmy Carter. AF Plcy Ltr for Comdrs: Sup
No. 8:39-40 Aug '79

Vietnam in perspective. Gen William C. Westmore-
land, Ret. illus Mil Rev 59:34-43 Jan '79

What the Vietnam veteran needs. James Webb. illus
MarCor Gaz 63:32+ Nov '79

Aerial Operations, American

Admiral Sharp's "Strategy for Defeat: Vietnam in
Retrospect." Robert L. Kerby. illus Aerosp Hist
26:267-269 Dec '79

Linebacker II: A pilot's perspective. Capt Robert E.
Wolff. map illus tab AF Mag 62:86-91 Sep '79

Allied Forces, American

Combat cohesion in Vietnam. LtCol John G. Fowler,
Jr. illus Mil Rev 59:22-32 Dec '79

American Participation

Combat cohesion in Vietnam. LtCol John G. Fowler,
Jr. illus Mil Rev 59:22-32 Dec '79

Rand study: Top Vietnamese blame U.S. for country's
fall. AF Times 39:3 Jan 22 '79

A search for meaning. LtCol Harold E. McKinney,
Ret. illus MarCor Gaz 63:47-50 Dec '79

Campaigns and Battles

Leadership and tactical reflections on the battle for
Quang Tri. LtCol Richard B. Rothwell. illus maps
MarCor Gaz 63:34-35+ Sep '79

Casualties

The body identification lab--no flesh and blood, just
bones and file cabinets. Marianne Lester. illus AF
Times, Times Magazine sup:16-18 Feb 19 '79

POW tests: Bailout/captivity effects linger on. Ron
Sanders. tab AF Times 39:1+ Mar 19 '79

VIETNAMESE CONFLICT, 1957-1975 - ContinuedCasualties - Cont'd

Will the crypt stay empty at Arlington? LtCol Donald T. Matthes. illus Army 29:28-30+ May '79

Lessons Learned (Military)

The fall of Vietnam: An inside view. Harvey A. DeWeerd. illus map Army 29:14-20 Jul '79

Logistics

The high cost of living in combat. LtCol P. D. Reissner, Ret. illus MarCor Gaz 63:59-64 Jul '79

Missing in Action

News on missing POWs: Hanoi's bargaining chip. AF Times 39:4 May 21 '79

POW-MIA Day (July 16, 1979). SSgt Fred Spriggs and SrAmn Cora Williams. illus AF Times 40:16 Jul 30 '79

Prisoners of War

Communicating without technology. (American POW perseverance and ingenuity during the Vietnam War) VADM James Bond Stockdale, Ret. illus Signal 34:26-30+ Oct '79

A house built in Hanoi. (Gary Sigler builds the house he planned while he was a POW) MSgt Dave Sheeder. illus Airman 23:7-13 Apr '79

Linebacker II: The POW perspective. LtCol Jon A. Reynolds. illus AF Mag 62:93-94 Sep '79

News on missing POWs: Hanoi's bargaining chip. AF Times 39:4 May 21 '79

No more POWs is conclusion. AF Times 39:40 Jul 9 '79

POW-MIA Day (July 16, 1979). SSgt Fred Spriggs and SrAmn Cora Williams. illus AF Times 40:16 Jul 30 '79

POW tests: Ballout/captivity effects linger on. Ron Sanders. tab AF Times 39:1+ Mar 19 '79

Psychological Aspects

Combat cohesion in Vietnam. LtCol John G. Fowler, Jr. illus Mil Rev 59:22-32 Dec '79

Rand study: Top Vietnamese blame U.S. for country's fall. AF Times 39:3 Jan 22 '79

Vietnam vets--a new battlefield. Steve Abbott. illus Soldiers 34:28-30 Nov '79

Public Opinion

Harris poll: Most back Viet vets. AF Times 40:44 Dec 3 '79

Vietnam War: 'Misunderstood'--press coverage inaccurate, superficial, according to new study (by Col William V. Kennedy). Jay Finegan. illus AF Times 40:10 Aug 20 '79

Refugees

Evacuation security forces: A tale of courage, ingenuity and perseverance. MajGen R. E. Carey and others. MarCor Gaz pt 1, 31 March-17 April 1975. 63:65-72 May '79; pt 2, 17 April-31 May 1975. 63:60-66 Jun '79

VIETNAMESE CONFLICT, 1957-1975 - ContinuedStrategy

Admiral Sharp's "Strategy for Defeat: Vietnam in Retrospect." Robert L. Kerby. illus Aerosp Hist 26:267-269 Dec '79

Vietnamization

Rand study: Top Vietnamese blame U.S. for country's fall. AF Times 39:3 Jan 22 '79

VIETNAMIZATION see Vietnamese Conflict, 1957-1975 --Vietnamization

VIOLENCE

Intergroup conflict and collective violence: The case of New York City, 1960-July 1964. Daniel J. Monti. tabs J Pol & Mil Sociol 6:147-162 Fall '78

The Protestant ethic and the spirit of violence. James A. Aho. J Pol & Mil Sociol 7:103-119 Spring '79

Riot violence and protest outcomes. Carol McClurg Mueller. tabs J Pol & Mil Sociol 6:49-63 Spring '78

VISAS see Passports

VISUAL AIDS see Audio-Visual Aids

VISUAL FLYING

Aeromedical implications of the X-Chrom lens for improving color vision deficiencies. Kenneth W. Welsh and others. tabs Aviation, Space & Envmt Med 50:249-255 Mar '79

Ducking under: Performance and prevention. Capt Ron Sams. illus Aerosp Safety 35:25-27 May '79; Combat Crew 29:8-10 May '79

Illusions and flight. illus Aerosp Safety 35:6-8 Mar '79

Look to see. illus Aerosp Safety 35:22-24 Jun '79

Pilot performance during simulated approaches and landings made with various computer-generated visual glidepath indicators. Mark F. Lewis and Henry W. Mertens. tabs Aviation, Space & Envmt Med 50:991-1002 Oct '79

VOLUNTARY SERVICE see Military Service, Voluntary

VOTING

The military and unionization. LtGen Ira C. Eaker, Ret. AF Times 39:13-14 Jun 11 '79

Military vote no 'bloc.' Bruce Callander. AF Times 39:14+ May 14 '79

New law eases way for absentee voters. M. L. Craver. AF Times 39:6 Jan 1 '79

New post card ready for absentee voters. illus tabs AF Times 40:8 Dec 17 '79

Spanish Americans' search for political representation: The 1975 aldermanic election in Chicago. Luis M. Salces. tabs J Pol & Mil Sociol 6:175-187 Fall '78

WAC see Women in the Army

WAF see Women in the Air Force

WAPS see Weighted Airman Promotion System

WASP see Women in the Air Force--U.S.--History

WAVES see Women in the Navy

WWMCCS see Worldwide Military Command and Control System

WACKER, Rudolph F.

A-10 close support operations in Europe. BrigGen Rudolph F. Wacker. AF Mag 62:73-77 Aug '79

WAKE TURBULENCE see Turbulence

WALKER, Emmett H., Jr

Working toward 'come as you are' readiness. MajGen Emmett H. Walker, Jr. por Army 29:82-85 Oct '79

WALSH, John P.

Camp David and its aftermath. John Patrick Walsh. por Educ J 21:54-71 '78/'79

The energy problem revisited. John Patrick Walsh. AU Rev 30:15-25 Nov-Dec '78

On standards, manners and national strength. John Patrick Walsh. por Strat Rev 7:42-48 Winter '79

WAR

See also specific wars by name, e.g.,

Arab-Israeli Conflict, 1967-

Civil War--U.S.

Crimean War, 1853-1856

Korean War, 1950-1953

Mexican War, 1845-1848

Middle East War, 1973

Napoleonic Wars

Revolutionary War--U.S.

Spanish-American War, 1898

Vietnam (Socialist Republic)--Chinese Invasion, 1979

Vietnamese Conflict, 1957-1975

World War I

World War II

The challenge of Clausewitz. GpCapt R. A. Mason. AU Rev 30:75-79 Mar-Apr '79

In the service of imperialism. (Reactionary bourgeois theories on war) Col A. Migolatyev. Soviet Mil Rev No. 6:48-49 Jun '79

Operational and tactical peculiarities of local wars. Col N. Nikitin. Soviet Mil Rev No. 7:46-47+ Jul '79

Peace and conflict processes--a research overview. Paul Wehr. Armed Forces & Soc 5:467-486 Spring '79

Principles of deterrence. Col John M. Collins, Ret. illus tabs AU Rev 31:17-26 Nov-Dec '79

Quantitative international conflict studies: A look at the record. Cindy Cannizzo. tabs Armed Forces & Soc 6:111-121 Fall '79

Remarks on Lasswell's "The Garrison State." Raymond Aron. Trans by Ellen Stern and Michel Martin. Armed Forces & Soc 5:347-359 Spring '79

WAR - Continued

The Soviet approach. Maj Armand De Cesare and Capt Adolf Carlson. illus Infantry 69:16-19 Jan-Feb '79

The terrible strategy of terror: A French perspective. Col Marc Geneste, Ret. illus Strat Rev 7:23-31 Spring '79

A world at war: Small wars and superpower military intervention. tabs map Def Monitor 8: entire issue Nov '79

Ethical Aspects

International humanitarian law. (Presentation, Inter-American Bar Assoc, San Juan, PR, Aug 28, 1979) MajGen Walter D. Reed. AF Plcy Ltr for Comdrs: Sup No. 10:21-30 Oct '79

The Protestant ethic and the spirit of violence. James A. Aho. J Pol & Mil Sociol 7:103-119 Spring '79

Laws

See International Law

Political Aspects

Oman 1975: The year of decision. MajGen K. Perkins. maps illus RUSI J for Def Studies 124:38-45 Mar '79

The origin of the formula: "Unconditional surrender" in World War II. Michael Balfour. tab Armed Forces & Soc 5:281-301 Winter '79

The political potential of parity. LtCol Robert C. McFarlane. illus US Nav Inst Proc 105:28-35 Feb '79

Principles

See Military Art and Science

Statistics

America's wars. Tables only. AF Plcy Ltr for Comdrs: Sup No. 4:26-27 Apr '79

Study and Teaching

Arms in academe: War studies at universities. Peter Harvey and Hew Strachan. RUSI J for Def Studies 124:39-45 Jun '79

WAR, FUTURE

The American style of warfare and the military balance. Edward N. Luttwak. AF Mag 62:86-88 Aug '79

C³I for automated control of tomorrow's battlefield. MajGen Fred K. Mahaffey. illus Army 29:26-30 Mar '79

Can the A-10 Thunderbolt II survive in Europe? Charles Gilson. illus tabs Intl Def Rev 12, No. 2: 184-189 '79

Can Western Europe be defended by conventional means? LtCol Norbert Hannig, Ret. illus tabs Intl Def Rev 12, No. 1:27-34 '79

Crystal ball, Mark II (medium range). ACM Christopher Foxley-Norris. Army Qtr 108:278-283 Jul '78

Essential equivalence: The end of the nuclear deterrent myth. LtCol Norbert Hannig, Ret. illus tabs Intl Def Rev 12, No. 2:179-183 '79

WAR, FUTURE - Continued

- Future Infantry armored vehicles. Richard M. Ogorkiewicz. illus Armor 87:24-28 Nov-Dec '78
- Future war and the U.S. Coast Guard. CAPT A.R. Larzelere. illus tabs US Nav Inst Proc 105:182-199 May '79
- How we lost World War III. ACM Christopher Foxley-Norris. Royal Air Forces Qtr 18:319-323 Winter '78
- Indicators of the coming war. Gregory R. Copley. (Reprinted from Defense & Foreign Affairs Digest, No. 3, 1978) Mil Rev 59:17-22 Jan '79
- Is there really a better way to win a war in Europe? Maj Charles W. Specht. AU Rev 31:74-77; Responses. William S. Lind. 31:77-79; Russell F. Weigley. 31:79-80; LtGen Raymond B. Furlong, Ret. 31:80-81 Nov-Dec '79
- Nuclear strategy--differences in Soviet and American thinking. 1stLt John W. Jenson. AU Rev 30:2-17 Mar-Apr '79
- Nuclear survivability of military equipment. Maj J.P. Munnery. illus Intl Def Rev 12, No. 7:1107-1110 '79
- On war, time, and the principle of substitution. Herman L. Gilster. illus AU Rev 30:2-19 Sep-Oct '79
- The potential battle of the Atlantic. RADM Sayre A. Swaztrauber. illus maps tabs US Nav Inst Proc 105:108-125 May '79
- Soviet Army wave attack philosophy: The single-echelon option. P.H. Vigor. illus Intl Def Rev 12, No. 1:43-46 '79
- Soviet strategy and NATO's northern flank. CAPT William K. Sullivan. illus Nav War Col Rev 32: 26-38 Jul-Aug '79
- Tactical problems facing the Soviet Army: Recent debates in the Soviet military press. C.N. Donnelly. (Reprinted from International Defense Review, Vol 11, No. 9, 1978) illus Mil Rev pt 1, 59:18-26 Jun '79; pt 2, 59:60-68 Jul '79
- The threat to northern Europe. R.D.M. Furlong. illus maps Intl Def Rev 12, No. 4:517-525 '79
- Total Army readiness--force packaging is the key. MSgt Matt Glasgow. Soldiers 34:10 Jun '79
- U.S. naval forces and the northern flank of NATO. F.J. West, Jr. illus tabs Nav War Col Rev 32: 15-25 Jul-Aug '79
- U.S. strategic weapons developments and the implications of SALT. illus Intl Def Rev 12, No. 3:367-371 '79
- Will SALT II survive in the U.S. Senate? Ramon Lopez. illus Intl Def Rev 12, No. 5:700-701 '79

WAR, LIMITED see Limited War

WAR AND TECHNOLOGY

- Fighting from fortified battle positions. Col Raymond E. Bell, Jr. illus Army 29:34-39 Jul '79
- Force as a strategic weapon. Thomas H. Etzold. Army 29:14-17 May '79

WAR AND TECHNOLOGY - Continued

- Scientific and technological progress and the Armed Forces. ColGen N. Alexeyev. illus Soviet Mil Rev No. 2:2-7 Feb '79
- Some implications of the increasing use of sophisticated technology. Maj James L. Eyre. MarCor Gaz 63:52-54 Mar '79
- Technology and tactics in defense of Europe. Gen William E. Depuy, Ret. illus tabs map Army 29:14-23 Apr '79

WAR GAMES

- Battle simulation. Capt William J. Higgins. illus Infantry 69:28-30 May-Jun '79
- Battlefield visualization graphics: An overview. Maj Larry Pigue. illus Mil Rev 59:59-67 Sep '79
- Combined Arms Simulations Center. Marie B. Edgerton. illus Infantry 69:20-23 Nov-Dec '79
- Rewriting the air vs armor book. Allen Scott. AF Times 40:42-43 Nov 12 '79
- SEATAG (SEA control Tactical Analysis Game): More than a game. CDR Robert M. Nutwell. illus US Nav Inst Proc 105:101-103 Feb '79

WAR MEMORIALS see Memorials

WAR POTENTIAL

- Lessons of the past and the "Chinese card." Col O. Rzheshesky. Soviet Mil Rev No. 8:36-39 Aug '79

China (People's Republic)

- China's military potential: A growing U.S. dilemma. Bonner Day. map illus AF Mag 62:38-42 Jan '79

NATO

- The NATO long term defense program. Norman Gray. Signal 33:29-30 Apr '79
- NATO's lost decade. Justin Galen. illus map tabs Armed Forces J Intl pt 1, How the United States gave the Warsaw Pact a surprise attack capability. 115:19-20+ Jun '78; pt 2, Restoring the NATO-Warsaw Pact balance: "The art of the impossible." 116:32-34+ Sep '78; pt 3, Keeping the transatlantic bargain: The last chance for forward defense. 116:30+ Dec '78; pt 4, NATO's theater nuclear dilemma: A new set of crucial choices. 116:16+ Jan '79; pt 5, NATO's national opportunities: France and the Iberian Peninsula. 116:37-39+ Apr '79

Russia

- Assessing the Soviet Navy. Steven E. Miller. illus tabs Nav War Col Rev 32:56-70 Sep-Oct '79
- Atlantic Council cites 'strategic challenge' posed by Soviet Merchant Marine. L. Edgar Prina. illus tab Sea Power 22:47-51 Oct '79
- British admiral warns of Soviet naval threat. Jay Finegan. AF Times 40:62 Nov 5 '79
- The decade of decision. Talbot S. Lindstrom. illus Natl Def 64:24-29+ Sep-Oct '79
- Electronic warfare at sea. CAPT William Ruhe, Ret. illus Sea Power 22:37-42 Oct '79

WAR POTENTIAL - ContinuedRussia - Cont'd

European defence and the changing balance of power.
Lord Chalfont. illus NATO's Fifteen Nations 24:
26-30+ Feb-Mar '79

Europe's heightened role in global strategy. Gen J.A.
Graf Kielmansegg, Ret. illus Strat Rev 7:49-55
Winter '79

Fielding a modern ready Air Force. (Address,
AFCEA Washington Chap, April 1979) Gen James
A.Hill. illus Signal 34:27-29 Sep '79

Is there really a better way to win a war in Europe?
Maj Charles W. Specht. AU Rev 31:74-77; Re-
sponses. William S. Lind. 31:77-79; Russell F.
Weigley. 31:79-80; LtGen Raymond B. Furlong,
Ret. 31:80-81 Nov-Dec '79

A maritime or continental strategy? A British view.
Patrick Wall. illus Sea Power 22:17-21 Apr '79

New horizons for NATO? ACM Peter Le Cheminant.
illus Hawk No. 39:11-16 Winter '78-'79

The planned destruction of the West. Patrick Wall.
illus Sea Power 22:17-22 Nov '79

The Soviet approach to naval warfare. CAPT William
J. Ruhe, Ret. illus Natl Def 63:50-51+ May-Jun '79

The "Soviet military threat"--myth and reality.
Marshal N. Ogarkov. Soviet Mil Rev No. 10:8-11
Oct '79

Soviet projection capabilities: A view from North of
the border. C.G. Jacobsen. illus tab Nav War Col
Rev 32:95-104 Mar-Apr '79

The Soviet Union's growing arsenal of chemical war-
fare. John Erickson. illus Strat Rev 7:63-71
Fall '79

Top British Admiral (Lord Hill-Norton) asserts:
Global threat requires new global organization.
John Slinkman. illus Sea Power 22:39-40 Nov '79

The threat to northern Europe. R.D.M. Furlong. illus
maps Intl Def Rev 12, No. 4:517-525 '79

Western European aircraft procurement--caught
between the Soviet threat and competition from
America. LtCol Norbert Hannig, Ret. illus Intl
Def Rev 12, No. 4:557-561 '79

Warsaw Pact

The calculus of surprise attack. LtCol A.L. Elliott.
illus tab AU Rev 30:56-67 Mar-Apr '79

Russian CW: Our Achilles heel, Europe. LtCol Gary
Eifried. illus Army 29:24-28 Dec '79

The Russians aren't scaring NATO. Jay Finegan. AF
Times 39:12 Apr 2 '79

Southern theaters: Is the Warsaw Pact outflanking
NATO's southern flank? John Fullerton. Def &
For Aff Dig 7, No. 2:36+ '79

The threat to northern Europe. R.D.M. Furlong. illus
maps Intl Def Rev 12, No. 4:517-525 '79

The Warsaw Pact battle order. John Fullerton. Def &
For Aff Dig 7, No. 1:36-37+ '79

Western European aircraft procurement--caught
between the Soviet threat and competition from
America. LtCol Norbert Hannig, Ret. illus Intl
Def Rev 12, No. 4:557-561 '79

WARE, Lewis B.

Turmoil in southern Arabia. Lewis B. Ware. por Mil
Rev 59:51-54 Nov '79

WAREHOUSES see Storage

WARFARE see specific types of warfare, e.g.,

Air Warfare
Antisubmarine Warfare
Armored Warfare
Chemical-Biological Warfare
Counterinsurgency
Electronic Warfare
Guerrilla Warfare
Jungle Warfare
Land Warfare
Mine Warfare
Naval Warfare
Nuclear Warfare
Psychological Warfare
Strategic Warfare
Submarine Warfare

WARNER, John W.

(C³, the communications industry, and SALT II) (Key-
note luncheon address, AFCEA Convention, Wash-
ington, June 19, 1979) Sen John W. Warner. por
Signal 33:21-23 Aug '79

WARNING DEVICES

CHAMPUS now covers crib death monitors. AF
Times 39:2 Jul 16 '79

WARNING SYSTEMSSee also

Airborne Early Warning
Alert Systems
Ground Proximity Warning System

Countering the crew-compartment explosion--an auto-
matic fire suppression system from Hughes.
R.J.L. Dicker. illus tab Intl Def Rev 12, No. 5:816-
818 '79

REMBASS (REmotely Monitored BATTLEfield Sensor
System) to expand tactical commanders' capabili-
ties. illus Def Elect 11:31+ Jun '79

SAC assumes operational management for space sur-
veillance and missile warning resources. BrigGen
William L. Shields, Jr. illus map Combat Crew 29:
20-21 Dec '79

UKADGE (UK Air Defense Ground Environment) up-
dates--the UK re-thinks its radar defenses. illus
Intl Def Rev 12, No. 5:771-774 '79

WARRANT OFFICERSAir Force

AF against bringing back WOs. M.L. Craver. AF
Times 40:2 Sep 17 '79

WOs included in money bill--5% in flight training.
M.L. Craver. AF Times 40:1+ Jul 30 '79

Armed Forces

(DOD) study asks PAs be made WOs. Richard C.
Barnard. AF Times 39:3 Jul 16 '79

WARRANT OFFICERS - ContinuedArmed Forces - Cont'd

Two-tiered pilot system possible, starting in FY 80.
M.L. Craver. AF Times 40:3 Oct 8 '79
Warrants: A foot in the door. Bruce Callander. AF
Times 39:3 Jul 16 '79

Army

The warrant officer ... the who? illus USA Avn Dig
25:9-11 Nov '79

WARRANTY

AFSC: Giving up on tooth faeries. Interview. Gen
Alton Slay. illus Govt Exec 11:14+ Oct '79

The back-up system--express warranties. Charles
T. Gebhardt. illus Army Log 11:37-39 May-Jun '79

WARSAW PACT

See also subdivision under specific subjects,
e.g.,
Defenses--Warsaw Pact

The East-West theatre balance in Europe. Interna-
tional Institute for Strategic Studies. tabs AF Mag
62:120-125 Dec '79

Motor vehicle standardisation in the Warsaw Pact:
Problems and limitations. Lawrence L. Whetten
and James L. Waddell. tabs RUSI J for Def Studies
124:55-60 Mar '79

NATO's lost decade. Justin Galen. illus map tabs
Armed Forces J Intl pt 1, How the United States
gave the Warsaw Pact a surprise attack capability.
115:19-20+ Jun '78; pt 2, Restoring the NATO-War-
saw Pact balance: "The art of the impossible."
116:32-34+ Sep '78; pt 3, Keeping the transatlantic
bargain: The last chance for forward defense.
116:30+ Dec '78; pt 4, NATO's theater nuclear
dilemma: A new set of crucial choices. 116:16+
Jan '79; pt 5, NATO's national opportunities:
France and the Iberian Peninsula. 116:37-39+
Apr '79

Standardization in the Warsaw Pact. Arthur G. Volz.
illus tab Armor 88:22-26 Mar-Apr '79

Unbreakable alliance of fraternal armies. LtGen
A. Mitrofanov. Soviet Mil Rev No. 5:8-10 May '79

The Warsaw Pact. International Institute for Strategic
Studies. illus tabs AF Mag 62:71-73 Dec '79

The Warsaw Pact battle order. John Fullerton. Def &
For Aff Dig 7, No. 1:36-37+ '79

WARSHIPS

See also specific types of warships, e.g.,
Aircraft Carriers
Aircraft Carriers, Nuclear Powered
Amphibious Warfare Ships
Auxiliary Ships
Cruisers
Destroyers
Minesweepers and Minesweeping
Submarines
Submarines, Nuclear Powered

The foreword to Jane's (Fighting Ships 1979-80). Capt
John Moore, Ret. illus Sea Power 22:24-32 Aug '79

WARSHIPS - Continued

Sea services. Regular feature in issues of National
Defense beginning with November-December 1979

Speed in modern warships. Norman Friedman. illus
US Nav Inst Proc 105:150-167 May '79

Surface warships against submarines. CAPT William
D. Taylor, Ret. illus US Nav Inst Proc 105:168-
181 May '79

Equipment

SDMS and Udicon--two shipboard data communica-
tions systems. Gowri S. Sundaram. illus Intl Def
Rev 12, No. 3:377-379 '79

Germany (Federal Republic)

The Vosper 62-m high-speed corvette. Brian Morri-
son. illus tabs Intl Def Rev 12, No. 3:380-382 '79

Great Britain

Britain's new Type 24 multi-purpose frigate. R. W. S.
Easton. illus tabs Intl Def Rev 12, No. 6:1021-
1025 '79

The Royal Navy's Invincible-class cruisers. R. B.
Pengelley. illus Intl Def Rev 12, No. 8:1335-
1340 '79

Italy

An advanced technology minehunter from Italy. Mi-
chael S.K. Trimming. illus tabs Intl Def Rev 12,
No. 2:215-218 '79

NATO

Fast attack craft. Christian Eliot. illus NATO's Fif-
teen Nations 23:143-145 Special Issue '78

Netherlands

Weapon system series: The Standard frigate. illus
tabs NATO's Fifteen Nations 24:95-97+ Feb-
Mar '79

Russia

Soviet ASW--highly capable or irrelevant? Norman
Polmar. illus tabs Intl Def Rev 12, No. 5:721-
729 '79

United States

Misuse of the fast battleship in World War II. Mal-
colm Muir, Jr. illus US Nav Inst Proc 105:57-62
Feb '79

Navy concentrating on guided missile destroyers/
frigates. Richard Hartman. illus tab Def Elect 11:
62-65 Jul '79

History

The big ship in my life (New Jersey). CAPT Robert
C. Peniston, Ret. illus US Nav Inst Proc 105:52-
53 Dec '79

The last battleship (New Jersey). LCDR Paul Still-
well. illus US Nav Inst Proc 105:46-51 Dec '79

WASHINGTON, George

A letter to Congress from Valley Forge, 23 December
1777. George Washington. Review 58:37-38 Jan-
Feb '79

WASHINGTON, DC

Capital city. SP5 David Polewski. illus Soldiers 34: 50-53 Jun '79

WATER

Are we overlooking the link between water and energy resources? LtCol Ray D.Schwartz. illus tab Def Mgt J 15:15-19 Jan '79

Comparison of physiological effects of head-down tilting and immersion on the human body. E.B. Shulzhenko and others. tabs Aviation, Space & Envtmt Med 50:1020-1022 Oct '79

WATER-BASED AIRPLANES see SeaplanesWATER POLLUTION see PollutionWATER SAFETY

Boating's dozen deadly sins. illus TAC Attack 19:4-6 May '79

The sea and thee. SSgt Alfredo Vargas. illus tab Aerosp Safety 35:24-25 Jul '79

Survival equipment (open water environment). TSgt Charles W.Lovelady. illus tab Aerosp Safety 35: 26-27 Sep '79

The wet test. (Water survival training at USAF School of Aerospace Medicine, Brooks AFB, TX) Capt Katie Cutler. illus Airman 23:44-48 Jan '79

WATER SUPPLY

Combat engineering equipment for the 1980's. Col Bernard C.Hughes. illus tab Mil Engr 71:406-410 Nov-Dec '79

WATERWAYS

See also
Panama Canal
Suez Canal

Amazon patrol. LT Douglas R.Burnett. illus map US Nav Inst Proc 104:50-57 Dec '78

The Mobile Channel Ballistic Missile (MCBM). CDR Roger P.Hulson. map illus US Nav Inst Proc 105: 103-105 Sep '79

19th century engineering: The Davis Island Lock and Dam. Leland R.Johnson. illus map Mil Engr pt 1, 71:256-258 Jul-Aug '79; pt 2, 71:338-340 Sep-Oct '79

Power projection as a part of sea control. (Bevan G. Cass Award) CDR Bruce VanHeertum. illus maps MarCor Gaz 63:28-33 Sep '79

River fleet helps to develop Siberia. Leonid Korenev. illus Def Trans J 35:29-31 Dec '79

WATKINS, James D.

The U.S. Navy's role in C³ in EW. VADM James D. Watkins. Signal 33:41-42+ Mar '79

WEAPON SYSTEMS

Changing perspectives in the North: The impact of resource discoveries and modern weapons technology. Eivind Berdal. illus NATO's Fifteen Nations 24:73-76 Jun-Jul '79

WEAPON SYSTEMS - Continued

Defense industry news. Regular feature in issues of International Defense Review

International defense digest. Regular feature in issues of International Defense Review

Modern weapon technology. Regular feature in some issues of RUSI Journal for Defence Studies

Combat Evaluation

Military weaponry: How lethal? Col Trevor N.Dupuy, Ret. illus tabs Army 29:23-27 Feb '79

Exhibitions

Salon du Bourget '79. illus Intl Def Rev 12, No. 6: 971-982 '79

Hardening

Nuclear hardening of weapon systems. Marion A. Rose. illus tabs Def Elect pt 1, 11:43-44+ Sep '79; pt 2, 11:71+ Oct '79; pt 3, 11:65-66+ Nov '79

Reliability

Phalanx in production for the U.S. Navy. J.Philip Geddes. illus Intl Def Rev 12, No.9:1583-1584 '79

Recent tests show ARBS (Angle Rate Bombing System) is accurate, reliable. MarCor Gaz 63:6 Feb '79

Reliability of system design and testing. CDR Douglas P.Dunbar, Jr. illus Def Mgt J 14:26-30 Nov '78

U.S. strategic weapons developments and the implications of SALT. illus Intl Def Rev 12, No.3:367-371 '79

Your system may be reliable, but is it safe? Donald L.Kurle. illus Aerosp Safety 35:16-17 May '79

Testing

1979 weapons directory. Eric C.Ludvigsen. illus Army 29:119-120+ Oct '79

Phalanx in production for the U.S. Navy. J.Philip Geddes. illus Intl Def Rev 12, No.9:1583-1584 '79

Reliability of system design and testing. CDR Douglas P.Dunbar, Jr. illus Def Mgt J 14:26-30 Nov '78

NATO

Anti-tank warfare. John Marriott. illus NATO's Fifteen Nations 24:60-62+ Apr-May '79

Improving NATO through armaments collaboration. Interview. Walter B.LaBerge. illus Signal 33: 43-45 Apr '79

One voice in Europe. Gen George S.Blanchard. illus Army 29:22-26 Jan '79

Scatterable mines: Superweapon? Peter W.McDavitt. illus tabs Natl Def 64:33-37 Sep-Oct '79

Russia

Arms control enters the gray area. Robert Metzger and Paul Doty. tabs Intl Sec 3:17-52 Winter '78-'79

Gallery of Soviet aerospace weapons. John W.R.Taylor. illus AF Mag 62:99-114 Mar '79

WEAPON SYSTEMS - ContinuedRussia - Cont'd

- The Infantry Fighting Vehicle. Col Daniel K. Malone. illus Natl Def 64:40-45+ Jul-Aug '79
- Military weaponry: How lethal? Col Trevor N. Dupuy, Ret. illus tabs Army 29:23-27 Feb '79
- Tactical air defense--a Soviet-U.S. net assessment. Maj Tyrus W. Cobb. illus tab AU Rev 30:18-39 Mar-Apr '79

United States

- Armament: The business end of the Air Force. Edgar Ulsamer. illus AF Mag 62:40-46 Dec '79
- Arms control enters the gray area. Robert Metzger and Paul Doty. tabs Intl Sec 3:17-52 Winter '78-'79
- Directed energy weapons. Paul A. Chadwell. illus tab Natl Def 64:56-62 Nov-Dec '79
- Gallery of USAF weapons. Susan H. H. Young. illus AF Mag 62:116-128+ May '79
- Improving weapons in the fleet. LCDR Robert J. Massey, Ret and others. illus US Nav Inst Proc 105:55-61 Mar '79
- Light heavyweight. David G. Holmes. illus Armor 88:35-38 May-Jun '79
- Military weaponry: How lethal? Col Trevor N. Dupuy, Ret. illus tabs Army 29:23-27 Feb '79
- Navy gun systems: 'Alive and well.' James L. George. illus Sea Power 22:25-28 Oct '79
- Preparing for production of a major weapon system. David K. Anderson. illus Def Mgt J 15:20-24 Sep-Oct '79
- Rapier buy, Roland cut? illus Armed Forces J Intl 117:10+ Sep '79
- Recent tests show ARBS (Angle Rate Bombing System) is accurate, reliable. MarCor Gaz 63:6 Feb '79
- Revolution in airpower. (Remarks, Commander's Dining-In, Hill AFB, UT, Sep 12, 1978) John J. Martin. AF Plcy Ltr for Comdrs: Sup No. 1:34-37 Jan '79
- Strategic systems outlook. Seymour L. Zeiberg. illus Natl Def 64:26-29 Jul-Aug '79
- Tactical air defense--a Soviet-U.S. net assessment. Maj Tyrus W. Cobb. illus tab AU Rev 30:18-39 Mar-Apr '79
- Testing air tactics and hardware. (Address to a symposium on air-to-air combat co-hosted by the Air Force Directorate of Concepts and Analyses and the USAF Tactical Fighter Weapons Center, Washington, Aug 1978) Thomas P. Christie. AF Plcy Ltr for Comdrs: Sup No. 1:23-33 Jan '79

Costs

- GAO: Weapons costs rise perils quality. AF Times 40:15 Dec 17 '79

Warsaw Pact

- Standardization in the Warsaw Pact. Arthur G. Vols. illus tab Armor 88:22-26 Mar-Apr '79

WEAPON SYSTEMS MANAGEMENTSee also

Systems Engineering

- Acquisition strategy: An investment in planning. TIG Brief 31:14 Nov 16 '79
- (Aeronautical Systems Division) Interview. BrigGen Melvin F. Chubb, Jr. illus Mil Elect/Countermeasures 5:12+ Feb '79
- Aeronautical systems for the eighties. (Presentation, California State Convention, Air Force Assoc, Norton AFB, CA, May 18, 1979) LtGen Lawrence A. Skantze. AF Plcy Ltr for Comdrs: Sup No. 8: 29-37 Aug '79
- Analyzing Army's readiness and sustainability. LtGen Elvind H. Johansen. Signal 33:15-16 Jul '79
- The challenge of technology transition. LtGen George H. Sylvester. illus Natl Def pt 1, 63:37-39 May-Jun '79; pt 2, 64:38-39+ Jul-Aug '79
- DARCOM: Old solutions will no longer suffice. Gen John R. Guthrie. illus tabs Army 29:50-55 Oct '79
- Electronic warfare integration & planning. Gen Alton D. Slay. illus Signal 33:16+ Mar '79
- F-16: Spearhead for a lot of procurement innovation? MajGen James A. Abrahamsen. illus Govt Exec 11:20-21 Oct '79
- F-18A Hornet program progress report. Joseph C. Waldner. illus US Nav Inst Proc 105:111-114 Nov '79
- Military microcircuits: Failure analysis at RADC (Rome Air Development Center). Ed Doyle, Jr. illus Mil Elect/Countermeasures 5:75-79 Feb '79
- New DOD instruction on system safety. TIG Brief 31:18 Mar 23 '79
- Preparing for production of a major weapon system. David K. Anderson. illus Def Mgt J 15:20-24 Sep-Oct '79
- Prescription for the post-delivery blahs (with apologies to all flight surgeons). Fred Guardia and Ed Barham. illus TAC Attack 19:20-22 Sep '79
- System effectiveness in the U.S. Navy. W. J. Wiloughby, Jr. illus Signal 33:20-22 Jul '79
- VERT (VENTure analysis and Review Technique): A risk analysis tool for program management. Maj Greg A. Mann. illus Def Mgt J 15:32-36 May-Jun '79

WEAPONSSee also specific types of weapons, e.g.,

Airplanes, Bomber	Nuclear Weapons
Armored Vehicles	Rockets
Artillery	Small Arms
Bombs	Tanks, Military
Machine Guns	Torpedoes
Missiles	

Modern weapon technology. Regular feature in some issues of RUSI Journal for Defence Studies

Weapons, vehicles, equipment. Regular feature in issues of International Defense Review

WEAPONS - ContinuedExhibitions

Salon du Bourget '79. illus Intl Def Rev 12, No.6:971-982 '79

Study and Teaching

Simulators in weapon training--some proposals from Giravions Dorand, P.de Guillenschmidt. illus Intl Def Rev 12, No.7:1227-1232 '79

Australia

The Steyr AUG (Automatisches Universal-Gewehr) 5.56 mm rifle. A.J.R.Cormack. illus tab Intl Def Rev 12, No.7:1169-1170 '79

Great Britain

"The Jocks" meet the Virginians: One of the many "different" aspects of training in the UK was firing the British Army infantry weapons. John Goolrick. illus Natl Guard 33:17-19 Oct '79

NATO

FRG AWACS buy tied to U.S. 120mm gun deal. Armed Forces J Intl 116:15 Jan '79

Interoperability. LtCol Charles W.Montgomery. Ret. Fld Arty J 47:26-27 Nov-Dec '79

Small arms: Biting the bullet. John Fullerton. illus Def & For Aff Dig 7, No.1:29-31 '79

Standardization: In search of the Holy Grail. Capt Richard M.Saunders. illus Army 29:14-20 Feb '79

The U.S. Army's M198 towed 155mm howitzer. R.B. Pengelley. illus tabs Intl Def Rev 12, No.7:1163-1168 '79

Statistics

The East-West theatre balance in Europe. International Institute for Strategic Studies. tabs AF Mag 62:120-125 Dec '79

Nuclear delivery vehicles: Comparative strengths and characteristics. A, United States and Soviet Union; B, Other NATO and Warsaw Pact countries. International Institute for Strategic Studies. Tables only. AF Mag 62:130-131 Dec '79

Tables of comparative strengths. International Institute for Strategic Studies. Tables only. AF Mag 62:131-135 Dec '79

Testing

NATO evaluation of small arms: Ammunition and weapons for the post-1980 period. Edward C.Ezell. illus tabs Intl Def Rev 12, No.8:1367-1372 '79

Russia

Gallery of Soviet aerospace weapons. John W.R.Taylor. illus AF Mag 62:99-114 Mar '79

Statistics

Nuclear delivery vehicles: Comparative strengths and characteristics. A, United States and Soviet Union; B, Other NATO and Warsaw Pact countries. International Institute for Strategic Studies. Tables only. AF Mag 62:130-131 Dec '79

WEAPONS - ContinuedRussia - Cont'dStatistics - Cont'd

Security of the corps rear area. LtCol Robert D. Frazier. illus tabs Mil Rev 59:2-10 Dec '79

Tables of comparative strengths. International Institute for Strategic Studies. Tables only. AF Mag 62:131-135 Dec '79

United States

Force as a strategic weapon. Thomas H.Etzold. Army 29:14-17 May '79

Gallery of USAF weapons. Susan H.H.Young. illus AF Mag 62:116-128+ May '79

Has light infantry really had its day? Maj Robert B. Killebrew. illus Army 29:44-48 Dec '79

New weapons technologies: Implications for defense policy. Robert Kennedy. illus tab Parameters 9: 64-75 Jun '79

1979 weapons directory. Eric C.Ludvigsen. illus Army 29:119-120+ Oct '79

On the firing line. Regular feature in issues of National Defense beginning with July-August 1979

The other gas crisis--chemical weapons. Charles H. Bay. Parameters pt 1, 9:70-80 Sep '79

PGM's: How Congress and pundits are resisting a military revolution. C.W.Borklund. tabs illus Govt Exec 11:37+ Nov '79

Pentagon's pressing priorities. LtGen Ira C.Eaker. Ret. Natl Def 64:22 Nov-Dec '79

History

Maj Barnhard's magnificent folly. Col Glenn E.Fant. Ret. illus Army 29:50-52 Dec '79

Statistics

Nuclear delivery vehicles: Comparative strengths and characteristics. A, United States and Soviet Union; B, Other NATO and Warsaw Pact countries. International Institute for Strategic Studies. Tables only. AF Mag 62:130-131 Dec '79

Tables of comparative strengths. International Institute for Strategic Studies. Tables only. AF Mag 62:131-135 Dec '79

Warsaw PactStatistics

The East-West theatre balance in Europe. International Institute for Strategic Studies. tabs AF Mag 62:120-125 Dec '79

Nuclear delivery vehicles: Comparative strengths and characteristics. A, United States and Soviet Union; B, Other NATO and Warsaw Pact countries. International Institute for Strategic Studies. Tables only. AF Mag 62:130-131 Dec '79

Tables of comparative strengths. International Institute for Strategic Studies. Tables only. AF Mag 62:131-135 Dec '79

WEAPONS CONTROLLERS

F-111 WSO (Weapon System Officer). Capts Robert L. Brotzman and George T. Huggins. illus USAF Ftr Wpns Rev, pp 30-33, Summer '79

Weapons officer: Air to air. Capt Bill Hamilton. illus USAF Ftr Wpns Rev, pp 2-12, Fall '79

WEAPONS LOADING COMPETITIONS see Munitions Loading Competitions

WEAPONS PROCUREMENT

See also
Arms Sales

Defense industry news. Regular feature in issues of International Defense Review

Major defense contracts--value over \$1 million. Regular feature in issues of International Defense Review

Air Force--Canada

Maple Leaf dogfight underway. Murry Shohat. illus tabs Mil Elect/Countermeasures 5:29+ Jan '79

Air Force--China (Republic)

Coproduction: The U.S. F-5E in Taiwan and Switzerland. Capt R. Kenneth Bowers. Def Sys Mgt Rev 2:34-45 Spring '79

Air Force--France

The Mirage 2000--an essential component of the French Air Force. Germain Chambois. illus tab Intl Def Rev 12, No. 7:1136-1141 '79

Air Force--Great Britain

UK AEW--Nimrod system looks like being first in Europe. Dan Boyle. illus Intl Def Rev 12, No. 3: 372-376 '79

Air Force--Switzerland

Coproduction: The U.S. F-5E in Taiwan and Switzerland. Capt R. Kenneth Bowers. Def Sys Mgt Rev 2:34-45 Spring '79

Air Force--U.S.

Aeronautical systems for the eighties. (Presentation, California State Convention, Air Force Assoc, Norton AFB, CA, May 18, 1979) LtGen Lawrence A. Skantze. AF Pcly Ltr for Comdrs: Sup No. 8: 29-37 Aug '79

Coproduction: The U.S. F-5E in Taiwan and Switzerland. Capt R. Kenneth Bowers. Def Sys Mgt Rev 2:34-45 Spring '79

F-16: Spearhead for a lot of procurement innovation? MajGen James A. Abrahamson. illus Govt Exec 11:20-21 Oct '79

The impact of today's electronics technology on systems acquisition. LtGen Robert T. Marsh. Def Sys Mgt Rev 2:97-102 Summer '79

New DOD instruction on system safety. TIG Brief 31:18 Mar 23 '79

Prescription for the post-delivery blahs (with apologies to all flight surgeons). Fred Guardia and Ed Barham. illus TAC Attack 19:20-22 Sep '79

WEAPONS PROCUREMENT - ContinuedArmed Forces--Latin America

Latin America and North American arms. David Harvey. illus Def & For Aff Dig 7, No. 1:12-16+ '79

Armed Forces--NATO

Getting traffic moving on NATO's two-way street. Maj Dennis M. Drummond. illus AU Rev 30:26-34 Sep-Oct '79

Improving NATO through armaments collaboration. Interview. Walter B. LaBerge. illus Signal 33: 43-45 Apr '79

Industrial considerations in transatlantic weapons cooperation. Robert A. Gessert. illus tabs Intl Def Rev pt 1, European industry and political perspectives. 12, No. 6:921-930 '79; pt 2, Alternative approaches and some implications for the future. 12, No. 7:1131-1135 '79

The inoperability of interoperability? Thomas A. Callaghan, Jr. Armed Forces J Intl 116:36 Apr '79

The looking-glass world of international programs. LtCol David A. Appling. Def Sys Mgt Rev 2:7-18 Spring '79

NATO necessity: Arms cooperation. William J. Perry. illus Command Pcly 2:2-7 Sep '79

NATO standardization and interoperability--a time for involvement. (Address, Washington Chapter, American Defense Preparedness Assoc, Arlington, VA, Oct 13, 1978) John J. Ford. illus Natl Def 63:44-46+ Jan-Feb '79

NATO standardization: Panacea or plague? Capt John L. Clarke. illus Mil Rev 59:59-65 Apr '79

Pentagon endorses Family of Weapons concept. Rudi Meller. illus tab Intl Def Rev 12, No. 5:702-703 '79

Standardization: In search of the Holy Grail. Capt Richard M. Saunders. illus Army 29:14-20 Feb '79

Armed Forces--Netherlands

Dutch defense policy for the '80s--less nuclear, more conventional. R. D. M. Furlong. Intl Def Rev 12, No. 3:319-322 '79

Armed Forces--Third World

Soviet weapons exports: Russian roulette in the Third World. tabs map Def Monitor 8: entire issue Jan '79

Armed Forces--U.S.

Acquisition strategy: An investment in planning. TIG Brief 31:14 Nov 16 '79

(Affordability of a Defense program) (Keynote address, Annual International Logistics Symposium, SOLE, 1978) Dale W. Church. illus Log Spectrum 12:11-16 Winter '78

Getting traffic moving on NATO's two-way street. Maj Dennis M. Drummond. illus AU Rev 30:26-34 Sep-Oct '79

NATO necessity: Arms cooperation. William J. Perry. illus Command Pcly 2:2-7 Sep '79

PGM's: How Congress and pundits are resisting a military revolution. C. W. Borklund. tabs illus Govt Exec 11:37+ Nov '79

WEAPONS PROCUREMENT - ContinuedArmed Forces--U.S. - Cont'd

VERT (VENTure analysis and Review Technique): A risk analysis tool for program management. Maj Greg A. Mann. illus Def Mgt J 15:32-36 May-Jun '79

Army--Sweden

The FFV 890C 5.56 mm rifle. LtCol P. Crèvecoeur. illus tabs Intl Def Rev 12, No.8:1373-1374 '79

Army--U.S.

Army to buy 110 XM-1s in '80, future buys uncertain. Robin J. Stein. Armed Forces J Intl 116:12 Jun '79

Aviation Systems Division. LtCol George Sibert. illus charts USA Avn Dig 25:9-11+ Jul '79

The long delay with Army's ASH (Advanced Scout Helicopter). Frank G. McGuire. Govt Exec 11: 20-22 Aug '79

Military budget, 1980: No quick cure-all for U.S. defense problems. Eric C. Ludvigsen. illus tabs Army 29:40-43+ Mar '79

New hardware bow wave drives Army budget, jeopardizes efficient buys and even its missions. Benjamin F. Schemmer. illus tab Armed Forces J Intl 117:20-21+ Oct '79

1979 weapons directory. Eric C. Ludvigsen. illus Army 29:119-120+ Oct '79

Pershing II: First step in NATO theatre nuclear force modernization? F. Clifton Berry, Jr. illus tabs Intl Def Rev 12, No.8:1303-1308 '79

Pershing II go-ahead. Intl Def Rev 12, No.3:315 '79

The Squad Automatic Weapon--an update. Edward C. Ezell. illus tabs Intl Def Rev 12, No.1:47-50 '79

The U.S. Army's armoured combat vehicle technology program: Blueprint for a lightweight main battle tank. R.D.M. Furlong. illus Intl Def Rev 12, No.1:16-17 '79

Defense Dept--U.S.

Army/Navy guided projectiles: A joint program that works. CAPT J.D. Miceli. Def Sys Mgt Rev 2: 46-49 Spring '79

Augustine's laws and major system development programs. Norman R. Augustine. tabs Def Sys Mgt Rev 2:50-76 Spring '79

Force as a strategic weapon. Thomas H. Etzold. Army 29:14-17 May '79

Managing less-than-major joint programs. CAPT Phillip E. Oppedahl and Col Henry R. Passi. Def Sys Mgt Rev 2:19-29 Spring '79

The military-industrial complex: A debate. The nation effectively achieves its objectives. Jacques S. Gansler. illus tabs Def Mgt J 15:2+ Mar-Apr '79

Preparing for production of a major weapon system. David K. Anderson. illus Def Mgt J 15:20-24 Sep-Oct '79

WEAPONS PROCUREMENT - ContinuedDefense Dept--U.S. - Cont'd

Representation and responsibility in a tri-Service program. William C. Wall, Jr. Def Sys Mgt Rev 2:30-33 Spring '79

Subsystems, components, and A-109 policy. Lawrence L. Clappitt and Noel F. Castiglia. Def Sys Mgt Rev 2:93-102 Spring '79

Supportability in DSARC decision making. Richard E. Biedenbender and Michael F. McGrath. illus tabs Def Mgt J 15:14-19 Sep-Oct '79

U.S. DOD defends GBU-15. illus Intl Def Rev 12, No.1:15 '79

Costs

Defense industries and government: Foolish adversaries. Guest editorial. O.C. Boileau. illus Govt Exec 11:24-25+ Aug '79

Navy--Great Britain

Britain's new Type 24 multi-purpose frigate. R.W.S. Easton. illus tabs Intl Def Rev 12, No.6:1021-1025 '79

Navy--U.S.

Design to cost: A case study. LCDR Kenneth R. McGruther. illus tabs chart US Nav Inst Proc 105: 52-60 Oct '79

Major Navy weapons programs. Table only. Sea Power 22:22-23 Feb '79

Phalanx in production for the U.S. Navy. J. Philip Geddes. illus Intl Def Rev 12, No.9:1583-1584 '79

Europe, Western

Western European aircraft procurement--caught between the Soviet threat and competition from America. LtCol Norbert Hannig, Ret. illus Intl Def Rev 12, No.4:557-561 '79

WEATHERSee alsoMeteorologyalso specific elements, e.g.,

Clouds	Thunderstorms
Hurricanes	Tornadoes
Ice	Turbulence
Lightning	Winds

Beware the warm front. Capt Terry S. Barker. illus Aerosp Safety 35:5-7 Sep '79

Changing weather. Maj Dave Koczur. illus Interceptor 21:23-25 Apr '79

No way out. Roger G. Crewse. illus Aerosp Safety 35:4-5 Jul '79

Weather penetration or weather avoidance? Capt James I. Metcalf. illus Navigator 26:11-13+ Summer '79

Military Applications

Notification of weather changes. TIG Brief 31:17 Dec 7 '79

WEATHER - ContinuedMilitary Applications - Cont'd

Weather problems affecting use of precision guided munitions. LtCol Gary S. Zeigler. illus tabs Nav War Col Rev 32:95-106 May-Jun '79

History

Weather and war. John F. Fuller. illus Navigator 26: 5-9 Summer '79

WEATHER FORECASTINGSee also

Radar--Weather Applications

Long-range weather object of Howard (AFB, CZ) test. Capt John J. Mascatelli. AF Times 39:22 Apr 2 '79

Norton (AFB, CA) crews take part in world weather tests. (Global Atmospheric Research Program (GARP)) AF Times 39:16 Apr 23 '79

One of a kind. (Virginia Air National Guard's 200th Weather Sq) Capt Conrad Slate. illus Air Reservist 31:10-11 Dec '78-Jan '79

Summer weather hazards. Capt Carl L. Nelson. illus tab TAC Attack 19:4-6 Jun '79

WEATHER RECONNAISSANCE

Eye to eye with David. (Members of the 920th Weather Reconnaissance Gp fly into Hurricane David) MSgt David B. Drachlis. illus Airman 23:7-12 Dec '79

Now they wear wings. Capt Bill Sadler. illus MAC Flyer 26:18-19 Dec '79

Storm trackers. SMSgt Gerald H. Smith. illus Air Reservist 32:12-13+ Nov '79

Total force tames Hurricane Fico. Capt Donald R. Cochran. illus Air Reservist 31:14-15 Dec '78-Jan '79

WEATHER STATIONS

Long-range weather object of Howard (AFB, CZ) test. Capt John J. Mascatelli. AF Times 39:22 Apr 2 '79

Meteorological Site 15 one of only 3 in world. AF Times 39:16 Apr 23 '79

One of a kind. (Virginia Air National Guard's 200th Weather Sq) Capt Conrad Slate. illus Air Reservist 31:10-11 Dec '78-Jan '79

WEBER, LaVern E.

Army Guard's evolving logistics system. LtGen LaVern E. Weber. Army Log 11:38-40 Sep-Oct '79

It's official! NGB Chief has 3 stars: Weber promoted to lieutenant general. por Natl Guard 33:4 Aug '79

A National Guard presence in Washington. MajGen LaVern E. Weber. Natl Guard 33:23-25 Jan '79

President Carter names Weber, CNGB, for promotion to lieutenant general. por Nat Guard 33:4 Jul '79

WEIGHTED AIRMAN PROMOTION SYSTEM

Compromise of WAPS test materials. TIG Brief 31:12 Jan 12 '79

Details on the two points systems. tabs AF Times 39:10 May 7 '79

WEIGHTLESSNESS

Cardiovascular regulatory response to lower body negative pressure following blood volume loss. Masashi Shimizu and others. illus tabs Aviation, Space & Envmt Med 50:24-33 Jan '79

Comparison of physiological effects of head-down tilting and immersion on the human body. E.B. Shulzhenko and others. tabs Aviation, Space & Envmt Med 50:1020-1022 Oct '79

WEIGHTS AND MEASURESSee also

Telemetry

Logistics impact of metric conversion. Howard Ellsworth. illus Log Spectrum 13:45 Fall '79

WEINERT, Donald G.

Refurbishing the Army's real property management system. BrigGen Donald G. Weinert, Ret. Def Mgt J 14:34-38 Nov '78

WELFARE OF ARMED FORCES

Assignment: Europe. Steve Abbott. illus Soldiers 34: 16-23 Jan '79

WELLINGTON, Arthur W., 1st Duke of

The lines of Torres Vedras: A study in logistical management. 1stLt Robert Stacy. illus map Armor 88:30-33 Nov-Dec '79

WEST POINT, NY MILITARY ACADEMY see Military Academy, West Point, NYWESTMORELAND, William C.

Vietnam in perspective. Gen William C. Westmoreland, Ret. por Mil Rev 59:34-43 Jan '79

WEYLAND, Otto P.

Otto P. Weyland, retired GO, dies. por biog obit AF Times 40:50 Sep 17 '79

WHEELSSee also

Airplanes, Military--Wheels

WICKHAM, John A., Jr

On watch in Korea: Stress and challenge. Gen John A. Wickham, Jr. por Army 29:66-71 Oct '79

WILDLIFE CONSERVATION

Home, home on Riley's range. MSgt Matt Glasgow. illus Soldiers 34:18-20 Aug '79

Man, land and animals: Partners in survival. Maj Clifford H. Bernath. illus Soldiers 34:23-25 Oct '79

WILLIAMS, Robert R.

It's been done before--check the Army Aviation Museum. LtGen Robert R. Williams, Ret. por Armed Forces J Intl 116:44-46 Jul '79

WILMER, W. H.

The early development of aviation medicine in the United States. Brig Gen W. H. Wilmer. Aviation, Space & Envt Med 50:459-467 May '79

WILSON, Louis H., Jr

CMC reports on a lean, tough, ready Corps suffering somewhat from budget cutting. (4th annual State of the Corps message) Gen Louis H. Wilson. MarCor Gaz 63:26-36 Apr '79

We say 'thanks' and 'so long' to old friends. Interview. Gen Louis H. Wilson, Jr. por MarCor Gaz 63:26-30 Jul '79

WINDS

Compensating for winds. Capt Tome H. Walters, Jr. tabs Combat Crew 29:14-15 Aug '79

Low-level wind shear. Capt David E. Johnson. illus Aerosp Safety 35:2-3 Oct '79

More about wind shear hazards. Paul R. Higgins and Donald H. Patterson. tabs Aerosp Safety 35:15-21+ Mar '79

Mountain waves: A powerful and dangerous force. (Adapted from Approach, Nov 1977) illus Aerosp Safety 35:22-23 Jan '79

Ride the wild horse. Maj Charles O. Weir. illus Aerosp Safety pt 1, 35:16-20 Apr '79; pt 2, 35:6-9 May '79; pt 3, 35:6-9 Jun '79

Wind shear: A year-round hazard. illus MAC Flyer 26:6-7 Nov '79

Windshear. Capt David Christensen. illus Combat Crew 29:14-15+ Jul '79

WIRE

Welcome to your wire strike! Capt John W. Lowe. illus USA Avn Dig 25:29 Apr '79

Wire strike prevention. CW4 Gary D. Martin. illus USA Avn Dig 25:28-30 Jan '79

Wires, cables, and harnesses. TIG Brief 31:6 Aug 3 '79

WIVES, MILITARY

Does your wife work? Bruce Callander. AF Times 40:7 Dec 17 '79

Foreign born wives--discovering a new world. SSgt James M. Boersema. illus Soldiers 34:36-40 Nov '79

Selling yourself on paper: Resume writing for the military wife. Dawn Sova Gregor. illus AF Times, Times Magazine sup:50-52 Jun 4 '79

Sharing the skills in a post co-op. Patricia M. Bloebaum. illus AF Times, Times Magazine sup:18-21 Jan 15 '79

WIVES, MILITARY - Continued

Should a wife be considered in her husband's ratings? No. Elizabeth S. Wallace. illus AF Times, Times Magazine sup:15-16 Feb 5 '79

Should a wife be considered in her husband's ratings? Yes. Col William J. Taylor, Jr. illus AF Times, Times Magazine sup:14+ Feb 5 '79

Soldiers in the city. Steve Abbott. illus Soldiers 34:11-13 Mar '79

Some spouses regain full SBP annuities. AF Times 40:7 Jul 30 '79

Suit cites job discrimination--wives, retirees charge: Work bias, reprisals for whistle-blowing. Richard C. Barnard. illus AF Times 39:4 Mar 19 '79

Tehran diary: An Air Force wife's account of the last days of the Shah's regime. Jerrienne R. Hayslett. illus AF Times, Times Magazine sup:4-10 Apr 2 '79

Why I stay. Dee Beck. illus AF Times, Times Magazine sup:4-9 Aug 13 '79

WOMEN

Give yourself credit: How a married woman can establish her own credit history. Nancy J. Young. illus AF Times, Times Magazine sup:16-17 Sep 17 '79

Interviewing women candidates. TIG Brief 31:9-10 May 18 '79

Two worlds--two destinies. L. Mozokina. Soviet Mil Rev No.3:44-45 Mar '79

WOMEN IN THE AIR FORCEUnited States

A chief's chief. (CMSgt Dorothy W. Holmes retires from the USAF Academy after 30 years military service) SSgt Fred Spriggs. illus Airman 23:6-7 Sep '79

The drive to dive. (USAF Capt Martha Lutz, a diver) Capt Dick Sheffield. illus Airman 23:38-40 Mar '79

Female fliers: Test a success. Bruce Callander. illus AF Times 39:3 Apr 2 '79

In the spirit. (USAF SSgt Debbie Anderson is a marathon runner) LtCol Paul Seaman. illus Airman 23:9-11 Mar '79

More women to get pilot, navigator training. AF Times 40:23 Nov 26 '79

When baby makes three. SSgt Richard A. Kleiner. illus Airman 23:10-13 Nov '79

Women barred from security. Bruce Callander. AF Times 39:6 Apr 9 '79

Women in combat: The need for cultural reconditioning. Capt Judith M. Galloway. illus AU Rev 30:58-61 Nov-Dec '78

Women on the move. Marilyn H. Hargreaves and MSgt Thomas Brucia. illus Air Reservist 31:8-11 Mar '79

WOMEN IN THE AIR FORCE - ContinuedUnited States - Cont'd

Women's 'fat' related to build. Ron Sanders. AF Times 39:6 Jul 2 '79

History

850 WASP due vet benefits. AF Times 39:10 Mar 26 '79

Women service pilots in WW II now veterans. illus Officer 55:23 Jul '79

WOMEN IN THE ARMED FORCESGreat Britain

The future of women in the Armed Forces. Georgina Natzio. RUSI J for Def Studies 123:24-30 Dec '78

Israel

The Israeli fighting women--myth and facts. Cecile S. Landrum. illus AU Rev 30:69-78 Nov-Dec '78

United States

The case against women in combat. George Gilder. (Reprinted from New York Times Magazine, Jan 28, 1979) Parameters 9:81-86 Sep '79

DOD wants combat jobs open to women. AF Times 39:2 May 28 '79

Distaff combat role debated. Andy Plattner. AF Times 40:7 Nov 26 '79

Most DACOWITS (Defense Advisory Committee On Women In The Services) ideas OK'd. M.L. Craver. AF Times 40:4 Nov 19 '79

Planners don't meet women's needs. AF Times 40:4 Sep 24 '79

Uniforms for women pose challenge. AF Times 39:30 Feb 5 '79

Why women switch. AF Times 40:3 Nov 5 '79

Women in combat: A demurrer. LtCol Edd D. Wheeler. AU Rev 30:62-68 Nov-Dec '78

Women in military--JCS chairman (Gen David C. Jones) meets congresswomen's caucus. AF Times 40:4 Nov 5 '79

History

Women in combat? Meet the heroines of Corregidor, Bataan. Marian N. Fernandes. illus map Army 29: 40-45 Apr '79

WOMEN IN THE ARMYRussia

Major Nikulina. L. Zabavskaya. illus Soviet Mil Rev No.8:34-35 Aug '79

United States

Catch-up--Idaho's special basic refresher for ARNG women. illus Natl Guard 33:25 Aug '79

A cost-effective enlistment supply of women for the Army. Maj Gary Q. Coe. illus tabs Def Mgt J 15: 30-36 Jan '79

WOMEN IN THE ARMY - ContinuedUnited States - Cont'd

Effects of women on group performance in a traditionally male occupation: The case of U.S. Army. E.M. Schreiber and John C. Woelfel. tabs J Pol & Mil Sociol 7:121-134 Spring '79

Mary who? (National Rifle Champion at Camp Perry, SP5 Mary Stidworthy, Arizona Army Guard) Dick George. illus Natl Guard 33:22-24 Sep '79

Physiological effects of a military training program on male and female cadets. William L. Daniels and others. tabs Aviation, Space & Envt Med 50:562-566 Jun '79

Women in ADA (Air Defense Artillery). Capt Richard C. Lewis. illus tabs Air Def Mag, pp 14+, Jan-Mar '79

Women in combat. Maj Michael A. Andrews. illus Mil Rev 59:28-34 Jul '79

Women in the Army: An update. Martin Blumenson. illus Army 29:38-42 May '79

Women in the Army: Experiences of a battalion commander. LtCol James G. McKnight. illus Parameters 9:20-26 Jun '79

Women where? Capt Susan P. Cheney. illus Air Def Mag, pp 15-17, Jan-Mar '79

History

Dr Mary Walker, Civil War surgeon. SP5 Lana Ott. illus Soldiers 34:21-22 Nov '79

WOMEN IN THE NAVYUnited States

How will we man the fleets? CAPT Brayton Harris, Ret. illus US Nav Inst Proc 105:72-87 May '79

We've come a long way, but ... CDR Beth F. Coye. illus US Nav Inst Proc 105:41-49 Jul '79

WOODS, Charles E.

Air Force Commissary Service. por AF Mag 62:107 May '79

Our men and women in uniforms: Keystone to readiness. MajGen Charles Woods. Review 58:27-28 Mar-Apr '79

WOOLSEY, R. James

The central issues of sea-based aviation. R. James Woolsey. US Nav Inst Proc 105:142-149 May '79

Different values--common goal. (Adapted from address, Convocation of the 95th Class, Naval War College, Aug 16, 1978) R. James Woolsey. Nav War Col Rev 31:3-5 Winter '79

WORD PROCESSING

The Archives: Government's troubled information manager. John F. Judge. Govt Exec 11:13+ Sep '79

NARS (National Archives and Records Service): An accurate cost measure of word processing for managers. tab Govt Exec 11:18+ Sep '79

WORD PROCESSING - Continued

Unwieldy information flow at Treasury relieved by word processing. illus Govt Exec 11:49-50 Aug '79

Watch out! Here comes another camel! Col R.A. Foyle, Ret. illus Signal 33:77-80 May-Jun '79

The word on word processing: Step back and reassess. Govt Exec 11:22+ Jan '79

WORK WEEK see Hours of Labor

WORLD POLITICS see International Politics

WORLD WAR I

The French 75: An early experiment in standardization. Col Daniel K. Malone. illus Natl Def 63:40-46 Mar-Apr '79

The Witzke affair: German intrigue on the Mexican border, 1917-18. Charles H. Harris III and Louis R. Sadler. illus Mil Rev 59:36-50 Feb '79

Aerial Operations, American

American pilots at Foggia. Giorgio Evangelisti, trans by Angelo Dellera. illus tabs Am Avn Hist Soc J 23:272-284 Winter '78

Campaigns and Battles

Decisive victories. Col N. Azovtsev, Ret. map Soviet Mil Rev No. 2:44-47 Feb '79

Naval Operations, British

The Trafalgar syndrome: Jutland and the indecisiveness of modern naval warfare. Maj J.A. English. illus Nav War Col Rev 32:60-77 May-Jun '79

Naval Operations, German

The Trafalgar syndrome: Jutland and the indecisiveness of modern naval warfare. Maj J.A. English. illus Nav War Col Rev 32:60-77 May-Jun '79

Personal Narratives

Conversations with the general. Gen Gerald C. Thomas, Ret and Angus M. Fraser. illus MarCor Gaz 63:82-87 Nov '79

France

'Your authority in France will be supreme': The Baker-Pershing relationship in World War I. Donald Smythe. illus Parameters 9:38-45 Sep '79

Russia

Decisive victories. Col N. Azovtsev, Ret. map Soviet Mil Rev No. 2:44-47 Feb '79

WORLD WAR II

Admiral (Ernest J.) King's toughest battle. Lloyd J. Graybar. illus Nav War Col Rev 32:38-47 Feb '79

Development of the tactics of offensive battle (from experience of the Great Patriotic War). Col A. Sidorenko. Soviet Mil Rev No. 10:20-22 Oct '79

Lessons of the past and the "Chinese card." Col O. Rzheshesky. Soviet Mil Rev No. 8:36-39 Aug '79

WORLD WAR II - Continued

The origin of the formula: "Unconditional surrender" in World War II. Michael Balfour. tab Armed Forces & Soc 5:281-301 Winter '79

A toast from Stalin. LtGen Harry E. Goldsworthy, Ret. illus Aerosp Hist 26:161-165+ Sep '79

Women in combat? Meet the heroines of Corregidor, Bataan. Marian N. Fernandes. illus map Army 29: 40-45 Apr '79

Aerial Operations

Bomber navigation. Norman W. Emmott. (Reprinted from United States Naval Institute Proceedings, May 1969) illus Navigator pt 1, 25:22-25 Winter '78; pt 2, 26:25-28 Spring '79

Undine and the airman. Victor Hicken. illus Aerosp Hist 26:40-44 Mar '79

Aerial Operations, Allied

Culmination Dresden: 1945. Mark A. Clodfelter. illus Aerosp Hist 26:134-147 Sep '79

Liberator: War's workhorse. Bruce Callander. AF Times 40:18+ Dec 3 '79

Aerial Operations, American

"Boise Bee"--the Duane Beeson story. Garry L. Fry. illus Am Avn Hist Soc J 23:242-259 Winter '78

D-Day: June 6, 1944. Gen Laurence S. Kuter, Ret. illus AF Mag 62:96-101 Jun '79

The Flying Fortress and the Liberator. LtGen Ira C. Eaker, Ret. illus Aerosp Hist 26:66-68 Jun '79

Mediterranean Marauder markings. Victor C. Tannehill. illus Am Avn Hist Soc J 24:55-67 Spring '79

Seventeen bits and pieces: Boeing's B-17 Fs and Gs assigned to the 8th U.S. Army Air Force, August 1942-May 1945. Paul M. Andrews. illus tabs Am Avn Hist Soc J pt 1, 1st Air Division. 24:202-213 Fall '79

Television brought back memories of WW II glory for old Corsair pilots. Paul Hofrichter. illus MarCor Gaz 63:79-82 May '79

Aerial Operations, British

Eagles at Malta. Vern Haugland. illus AF Mag 62: 104-106+ Sep '79

Hurricane convoy. John F. Ohlinger. illus Aerosp Hist 26:148-153 Sep '79

Aerial Operations, German

The Luftwaffe wasn't there. Editorial. John F. Loosbrock. AF Mag 62:6 Jun '79

Radial FW-190--formidable design. Jay Miller. illus AF Times 40:26 Nov 19 '79

Aerial Operations, Russian

Air support. (Front bomber aviation, 1941-1945) Col Ye. Veraksa. illus Soviet Mil Rev No. 9:45-47 Sep '79

WORLD WAR II - ContinuedAirborne Operations

Television brought back memories of WW II glory for old Corsair pilots. Paul Hofrichter. illus MarCor Gaz 63:79-82 May '79

Campaigns and BattlesSee also

Normandy Campaign, 1944
Pearl Harbor, 1941

The anti-Hitler coalition and the second front. Col A. Yakushevsky. Soviet Mil Rev No. 5:42-43 May '79

An assault crossing (June 1944). Maj A. Sokolov. illus map Soviet Mil Rev No. 12:40-42 Dec '79

The blow in Byelorussia. (Interview with Gen P. I. Batov) map illus Soviet Mil Rev No. 6:6-9 Jun '79

Blow in the North (to liberate the Soviet polar regions and northern areas of friendly Norway from the Hitlerite invaders). Col A. Orlov. map Soviet Mil Rev No. 10:43-45 Oct '79

Culmination Dresden: 1945. Mark A. Clodfelter. illus Aerosp Hist 26:134-147 Sep '79

Division attacks by night. Col Yu. Sukhinin. illus Soviet Mil Rev No. 6:16-18 Jun '79

A division breaking through enemy defences. (Soviet 63d Infantry Division in the Byelorussian operation, 1944) Col P. Ogaryov. map Soviet Mil Rev No. 1:45-46 Jan '79

Effectiveness and cohesion of the German ground forces in World War II. W. Victor Madej. tabs J Pol & Mil Sociol 6:233-248 Fall '78

Fighting shoreside targets. Capt G. Ammon. illus Soviet Mil Rev No. 11:40-42 Nov '79

German armoured operations in the Ukraine, 1941: The encirclement Battle of Uman. Craig Luther. map Army Qtr 108:454-469 Oct '78

I fought at Iwo--twice! Allen M. Barrett. illus map MarCor Gaz 63:43-52 Feb '79

The Italian invasion of Greece and its effect on Allied and Axis policy 1940-41. J. R. Thackrah. Army Qtr 109:337-349 Jul '79

The Jassy-Kishinev operation. Col N. Kobrin. map Soviet Mil Rev No. 8:40-42 Aug '79

Kasserine Pass. Henry E. Gardner. illus map Armor 88:12-17 Sep-Oct '79

The Korsun-Shevchenkovsky operation (1944). Col Z. Shutov. illus map Soviet Mil Rev No. 1:42-44 Jan '79

Lessons of the Winter War. Capt Roger L. Vogel II. illus Air Def Mag, pp 44-45, Oct-Dec '79

Liberation of Belgrade. Col A. Galitsan. map Soviet Mil Rev No. 9:42-44 Sep '79

Liberation of the Crimea. LtCol N. Larichev. map Soviet Mil Rev No. 4:40-41 Apr '79

WORLD WAR II - ContinuedCampaigns and Battles - Cont'd

The Makin Raid. MajGen O. F. Peatross, Ret. illus map MarCor Gaz 63:96-103 Nov '79

The miracle of Dunkirk. Lawrence Plunkett. Army Qtr 109:309-318 Jul '79

On the Kursk Bulge. Maj N. Dmitrin. illus Soviet Mil Rev No. 7:15 Jul '79

The other side of Dieppe. Col Waller B. Booth. illus Army 29:48-49 Jun '79

Pelellu: A neglected battle. Eugene B. Sledge. illus maps MarCor Gaz pt 1, Defense in depth. 63: 88-95 Nov '79; pt 2, Assault into hell. 63:28-41 Dec '79

The year of liberation (1944). Col A. Galitsan. illus Soviet Mil Rev No. 1:7-9 Jan '79

Equipment

SdKfz 251--Schützenpanzerwagen. Robert P. Arnoldt. illus tab Armor 88:26-29 Jan-Feb '79

Intelligence Operations

Assessing Ultra. Roger J. Spiller. illus Mil Rev 59: 13-23 Aug '79

Naval Operations, American

Bombarding Japan. CDR Edward J. Mathews, Ret. illus US Nav Inst Proc 105:74-75 Feb '79

Misuse of the fast battleship in World War II. Malcolm Muir, Jr. illus US Nav Inst Proc 105:57-62 Feb '79

Radar and submarines in World War II. CAPT Edward L. Beach, Ret. illus Def Elect 11:48+ Oct '79

Naval Operations, German

The sea of the midnight sun. Pictorial. Hans J. Dege-low. US Nav Inst Proc 104:76-85 Dec '78

U-boats at war: A study in leadership. MajGen E. H. Dar. Army Qtr 108:208-219 Apr '78

Naval Operations, Russian

Support from the sea. Capt A. Basov. illus map Soviet Mil Rev No. 7:34-36 Jul '79

Personal Narratives

Bombarding Japan. CDR Edward J. Mathews, Ret. illus US Nav Inst Proc 105:74-75 Feb '79

China as I knew it: 1942-43. Gen Bruce K. Holloway, Ret. illus AF Mag 62:112-119 Sep '79

D-Day: June 6, 1944. Gen Laurence S. Kuter, Ret. illus AF Mag 62:96-101 Jun '79

Hurricane convoy. John F. Ohlinger. illus Aerosp Hist 26:148-153 Sep '79

I fought at Iwo--twice! Allen M. Barrett. illus map MarCor Gaz 63:43-52 Feb '79

I remember it well. John H. McGoran. illus US Nav Inst Proc 105:64-66 Dec '79

WORLD WAR II - ContinuedPersonal Narratives - Cont'd

A man of liberty. (MSgt Jacques Grillon, USAF, recalls his days in the French resistance) Sgt Craig Pugh. illus Airman 23:24-30 Feb '79

Micro battle ... it was all in a night's work for the T-Patch Infantry in the Vosges Mountains of eastern France. Joe Dine. illus Natl Guard 33:22+ Jan '79

The miracle of Dunkirk. Lawrence Plunkett. Army Qtr 109:309-318 Jul '79

Operation Husky. Lawrence Glen. Army Qtr 108: 351-355 Jul '78

Peleliu: A neglected battle. Eugene B. Sledge. illus maps MarCor Gaz pt 1, Defense in depth. 63: 88-95 Nov '79; pt 2, Assault into hell. 63:28-41 Dec '79

Reunion in China. David A. Anderton. illus AF Mag 62:90-94 Oct '79

The Skoda Arms Works raid. W. Robert Laws. Royal Air Forces Qtr 18:379-386 Winter '78

Thanksgiving in December. Edith E. Thompson. illus Army 29:32-33 Nov '79

The townfinders. LtCol Jim Beavers, Ret. illus AF Mag 62:96-100 Sep '79

Strategy

The influence of ULTRA on World War II. Harold C. Deutsch. illus Parameters 8:2-15 Dec '78

The other side of Dieppe. Col Waller B. Booth. illus Army 29:48-49 Jun '79

The role of Italy in British strategy, 1938-1939. Williamson Murray. RUSI J for Def Studies 124:43-49 Sep '79

Underground Movements

The history of the French Resistance. John Lukacs. Armed Forces & Soc 6:162-167 Fall '79

A man of liberty. (MSgt Jacques Grillon, USAF, recalls his days in the French resistance) Sgt Craig Pugh. illus Airman 23:24-30 Feb '79

China

Reunion in China. David A. Anderton. illus AF Mag 62:90-94 Oct '79

Crimea

Liberation of the Crimea. LtCol N. Larichev. map Soviet Mil Rev No. 4:40-41 Apr '79

Europe, Eastern

The year of liberation (1944). Col A. Galitsan. illus Soviet Mil Rev No. 1:7-9 Jan '79

Finland

Lessons of the Winter War. Capt Roger L. Vogel II. illus Air Def Mag, pp 44-45, Oct-Dec '79

WORLD WAR II - ContinuedFrance

The history of the French Resistance. John Lukacs. Armed Forces & Soc 6:162-167 Fall '79

A man of liberty. (MSgt Jacques Grillon, USAF, recalls his days in the French resistance) Sgt Craig Pugh. illus Airman 23:24-30 Feb '79

Pétain--a partial rehabilitation. Keith Hammond. Army Qtr 109:295-300 Jul '79

Germany

Culmination Dresden: 1945. Mark A. Clodfelter. illus Aerosp Hist 26:134-147 Sep '79

Effectiveness and cohesion of the German ground forces in World War II. W. Victor Madej. tabs J Pol & Mil Sociol 6:233-248 Fall '78

Great Britain

The role of Italy in British strategy, 1938-1939. Williamson Murray. RUSI J for Def Studies 124:43-49 Sep '79

Italy

The role of Italy in British strategy, 1938-1939. Williamson Murray. RUSI J for Def Studies 124:43-49 Sep '79

Malta

Eagles at Malta. Vern Haugland. illus AF Mag 62: 104-106+ Sep '79

Norway

Blow in the North (to liberate the Soviet polar regions and northern areas of friendly Norway from the Hitlerite invaders). Col A. Orlov. map Soviet Mil Rev No. 10:43-45 Oct '79

Pacific Theater

Peleliu: A neglected battle. Eugene B. Sledge. illus maps MarCor Gaz pt 1, Defense in depth. 63: 88-95 Nov '79; pt 2, Assault into hell. 63:28-41 Dec '79

Russia

An assault crossing (June 1944). Maj A. Sokolov. illus map Soviet Mil Rev No. 12:40-42 Dec '79

The blow in Byelorussia. (Interview with Gen P. I. Batov) map illus Soviet Mil Rev No. 6:6-9 Jun '79

A division breaking through enemy defences. (Soviet 63d Infantry Division in the Byelorussian operation, 1944) Col P. Ogaryov. map Soviet Mil Rev No. 1:45-46 Jan '79

German armoured operations in the Ukraine, 1941: The encirclement Battle of Uman. Craig Luther. map Army Qtr 108:454-469 Oct '78

The Jassy-Kishinev operation. Col N. Kobrin. map Soviet Mil Rev No. 8:40-42 Aug '79

The Korsun-Shevchenkovsky operation (1944). Col Z. Shutov. illus map Soviet Mil Rev No. 1:42-44 Jan '79

On the Kursk Bulge. Maj N. Dmitrin. illus Soviet Mil Rev No. 7:15 Jul '79

WORLD WAR II - ContinuedRussia - Cont'd

Operation Kreml: Deception, strategy, and the fortunes of war. Earl F. Ziemke. illus map Parameters 9:72-83 Mar '79

Reconnaissance in strength (from the Soviet Army's experience during the Great Patriotic War). Col A. Popov. illus Soviet Mil Rev No. 3:39-41 Mar '79

Soviet military cadres during the war (WW II). Gen L. Shkadov. illus Soviet Mil Rev No. 4:2-6 Apr '79

Soviet special operations/partisan warfare: Implications for today. Capt Henry S. Whittier, Jr. illus Mil Rev 59:48-58 Jan '79

Yugoslavia

Liberation of Belgrade. Col A. Galitsan. map Soviet Mil Rev No. 9:42-44 Sep '79

WORLDWIDE MILITARY COMMAND AND CONTROL SYSTEM

Defense communications, command and control. (Remarks, International Wire and Cable Symposium, Cherry Hill, NJ, Nov 16, 1978) Gerald P. Dinneen. AF Plcy Ltr for Comdrs: Sup No. 2:10-15 Feb '79

WOUNDS AND INJURIES

'Crash' doctors. (USAF doctors do research for prevention of injuries to air crews) Capt Dick Sheffield. illus Airman 23:31-35 Feb '79

Effect of Fiber and Dye degradation Products (FDP) on burn wound healing. Francis S. Knox III and others. tab illus Aviation, Space & Envmt Med 50:1007-1015 Oct '79

Injuries in air transport emergency evacuations. Donell W. Pollard. Aviation, Space & Envmt Med 50:943-947 Sep '79

The medical effects of blast overpressure. Col Leslie B. Altstatt and others. illus Fld Arty J 47:9-12 Mar-Apr '79

Plastic surgery: Reshaping lives. Janet Hake. illus Soldiers 34:39-42 Mar '79

SPH-4 helmet damage and head injury correlation. Bruce A. Slobodnik. illus tabs Aviation, Space & Envmt Med 50:139-146 Feb '79

WOUNDS AND INJURIES - Continued

Spinal injuries in the F/FB-111 crew escape system. Leon E. Kazarian and others. illus tabs Aviation, Space & Envmt Med 50:948-957 Sep '79

WRAY, William R.

Managing the Army's real property. MajGen William R. Wray. por Mil Engr 71:97-98 Mar-Apr '79

WRIGHT, Clifton D., Jr

AF Engineering and Services Agency. por AF Mag 62:99-100 May '79

WRIGHT, Orville

The Wright flight. Bruce Callander. AF Times 39:16+ Jan 1 '79

The Wrights--the first aeronautical engineers. Robert B. Johnston. por Am Avn Hist Soc J 23:300-309 Winter '78

WRIGHT, Wilbur

The Wright flight. Bruce Callander. AF Times 39:16+ Jan 1 '79

The Wrights--the first aeronautical engineers. Robert B. Johnston. Am Avn Hist Soc J 23:300-309 Winter '78

WRITING (COMPOSITION)See also

Report Writing
Technical Writing

How to write good like a logistician should. George Feineman. illus Log Spectrum 13:41-44 Spring '79

The paperwork Air Force: Adapting Air Force writing to Air Force needs. Maj William E. McCarron. illus Educ J 21:12-15 '78/'79

Readin' and writin' in AS100. Capt Joseph L. Parker. illus Educ J 21:19-21 '78/'79

Selling yourself on paper: Resume' writing for the military wife. Dawn Sova Gregor. illus AF Times, Times Magazine sup:50-52 Jun 4 '79

YEMEN

Turmoil in southern Arabia. Lewis B. Ware. illus Mil
Rev 59:51-54 Nov '79

Strategic Importance

Sino-Soviet competition in the Yemens. LCDR Charles
T. Creekman, Jr. map illus Nav War Col Rev 32:
73-82 Jul-Aug '79

YERKS, Robert G.

Our ability to "fight now" depends on people. LtGen
Robert G. Yerks. por Army 29:58-63 Oct '79

YOST, William R.

User roles in Air Force C³ systems. MajGen William
R. Yost. Signal 33:18-19 Jul '79

YOUTHRussia

The other side of detente. Stanley H. Kober. AF Mag
62:82-84 Oct '79

United States

Being both dedicated and informed. (Presentation,
Minden High School Graduating Class, Minden,
LA, May 25, 1979) LtGen A. W. Braswell. AF Plcy
Ltr for Comdrs: Sup No. 9:30-34 Sep '79

The minicops. (USAF aids the Boy Scouts of America
Law Enforcement Explorer Posts) Capt Katie Cut-
ler. illus Airman 23:32-36 Mar '79

Partners in deed. (Youth Conservation Corps) MSGt
David B. Drachlis. illus Airman 23:2-8 Jan '79

YUDKIN, Richard A.

Support of the military today and tomorrow. (Presen-
tation, Strategic Air Command Commander's Con-
ference, Offutt AFB, NE, May 23, 1979) MajGen
Richard A. Yudkin, Ret. AF Plcy Ltr for Comdrs:
Sup No. 7:33-40 Jul '79

ZAIRE REPUBLIC

Kolwezi. MajGen Henri J. G. Depoorter. map illus Mil
Rev 59:29-35 Sep '79

Kolwezi, May 1979: An airborne assault. LtCol
Jacques Hatte. illus maps Infantry 69:24-29 Nov-
Dec '79

ZEIBERG, Seymour L.

Deputy Under Secretary of Defense, Strategic and
Space Systems (Seymour L. Zeiberg). por Natl Def
64:5 Jul-Aug '79

Strategic systems outlook. Seymour L. Zeiberg. Natl
Def 64:26-29 Jul-Aug '79

ZERO-BASE BUDGETING

'Zeroing' in on logistics programing and budgeting.
MajGen John D. Bruen and LtCol Donald M. Cook.
tab illus Army Log 11:8-11 Mar-Apr '79

ZUMWALT, Elmo R., Jr

Total force. ADM Elmo R. Zumwalt, Jr, Ret. US Nav
Inst Proc 105:88-107 May '79